

Guidelines for Viewing and Printing Material Safety Data Sheets with Adobe Reader

The following is to assist those not familiar with the Adobe Reader. Contained herein is a complete set of the Day International Chemical Products Division MSDS.

Searching for By Name or Code

For ease in searching for a product by name or by product code, please familiarize yourself with the navigation pane at the top of the screen. The "Navigation Pane" is the icon located to the right of the printer icon. Click on the navigation icon to bring up the "Bookmarks" tab. You should see listed on this page "Product Names" and "Product Codes" with a "+" sign next to them which indicates that you can expand the information and this can be done by double clicking on the "+" sign and vice versa, if you see a "-" sign and you double click it, it will collapse the selection. You may also use the "binoculars" icon to search if you know the product name and/or code number. There are directional arrows as well that will take you forward or backward, icons to adjust your view size such as full window, fitting in the windows, etc.

Printing the MSDS

For your information the bottom status bar will show what page number you are on along with the total number of pages in the document. This is very helpful if you want to print only a certain MSDS, you would need to tell the printer what pages to print by clicking on "File" and then "Print" and indicating "Pages from ____ to ____".

The Material Safety Data Sheets are not to be changed or edited in any manner. If you notice inaccuracies or anything that needs to be changed, please notify the Regulatory Affairs Specialist at the Chemical Products Division in Addison, Illinois at 1-800-336-8276.

Thank you.

Index for Varn Boxline Products
DAY International Chemical Products Division
Material Safety Data Sheets - U.S. ONLY
Update 05/30/03

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AIRO-CLEAN 50	B010045
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AMS 60	B015005
AMS ULTRA	B015012
ANTI SET-OFF POWDER C-3170	B016452
ANTI SET-OFF POWDERS	POWDER(S)
ANTI-STATIC SPRAY	B015341
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EASI-FOLD CONCENTRATE	B015274
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ECOLO-WASH STEP B	B011088
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<u>Product Name</u>	<u>Code #</u>
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V-1910 WASH OXD	B010096
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<u>Product Name</u>	<u>Code #</u>
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WONDERLENE	B013134
ZAP METERING ROLLER CLEANER	B010039



PRODUCT CODE: B017229

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.11

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010086

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8052-41-3	2.0	68°F	76
OSHA PEL: 500ppm, ACGIH TLV: 100ppm, Mfg: TWA 100ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	14
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			8

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 315°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 3.1

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 108°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 14.4%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015015

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* M-Pyrol OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm	872-50-4	.29	68°F	4
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	2
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.01

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010045

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	39
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
Petroleum Naphtha	64742-47-8	2.8	68°F	5
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 338°F - 356°F

SPECIFIC GRAVITY (H2O=1): .91

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 3.56 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 151°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013001

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .89

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 4.27 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mld Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015007

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .98

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015005

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .96

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015012

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isopropanol OSHA PEL: 400ppm ACGIH TLV: 400ppm STEL: 500ppm	67-63-0	31.2	68°F	2

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .96

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .12 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: POWDER(S)

HMS CODES: H F R P
0 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Starch Powder	9005-25-8	N/A	N/A	98
OSHA PEL: 15mg/MB T*, ACGIH TLV: 10 mg/MB, OTHER: 5 mg/MB R*				
T* = Total dust, R* = Respirable dust fraction.				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H₂O=1): 1.53

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Soluble (Hot)

APPEARANCE AND ODOR: White Powder - No Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus, (MSHA/NIOSH approved) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product is not flammable. However, high dust levels in air could produce the conditions for a dust explosion. Keep dust in air to a minimum.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions that generate excess dust. Avoid sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Dust may cause mild irritation to the nose and eyes.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not considered a skin irritant. Dust may cause mild irritation to the eyes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not considered toxic by ingestion.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Minor temporary irritation may occur to nose and throat from breathing dust. No permanent effects are expected. No chronic effects are known or expected

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing sensitivity to cereal grains.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. SKIN: Wash with soap and water. INHALATION: Seek fresh air. INGESTION: No hazard known.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Use explosion proof vacuum or sweep up and place in non-hazardous refuse.

WASTE DISPOSAL METHOD:

Dispose in trash.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

No special precautions are necessary in handling this product. Store in original container in a cool dry area.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

No special protection is required in normal use situations. In case of excess dust in the air, wear a NIOSH approved dust mask.

VENTILATION:

Good general ventilation should be sufficient to control airborne levels.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed.

EYE PROTECTION:

Goggles are recommended in high dusting situations. Otherwise, eye protection is not necessary.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B016452

HMS CODES: H F R P
0 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Starch Powder	9005-25-8	N/A	N/A	99
OSHA PEL: 15mg/MBT*, ACGIH TLV: 10mg/MB, OTHER: 5mg/MBR*				
T* = Total Dust, R* = Respirable Dust Fraction				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): 1.51

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

V.O.C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Soluble (Hot)

APPEARANCE AND ODOR: White Powder - No Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus, (MSHA/NIOSH approved) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product is not Flammable. However, high dust levels in air could produce the conditions for a dust explosion. Keep dust in air to a minimum.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions which generate excess dust. Avoid sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Dust may cause mild irritation to the nose and eyes.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not considered a skin irritant. Dust may cause mild irritation to the eyes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not considered toxic by ingestion.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Minor temporary irritation may occur to nose and throat from breathing dust. No permanent effects are expected. No chronic effects are known or expected

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing sensitivity to cereal grains.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. SKIN: Wash with soap and water. INHALATION: Seek fresh air. INGESTION: No hazard known.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Use explosion proof vacuum or sweep up and place in non-hazardous refuse.

WASTE DISPOSAL METHOD:

Dispose in trash.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

No special precautions are necessary in handling this product. Store in original container in a cool dry area.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required in normal use situations. In case of excess dust in the air, wear a NIOSH approved dust mask.

VENTILATION:

Good general ventilation should be sufficient to control airborne levels.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed.

EYE PROTECTION:

Goggles are recommended in high dusting situations. Otherwise, eye protection is not necessary.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015341

HMS CODES: H F R P
1 4 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Liquified Petroleum Gas	68476-85-7	760	68°F	55
OSHA PEL: 1000 ppm ACGIH TLV: 1000 ppm				
N-PENTANE	109-66-0	400	65°F	35
OSHA PEL: 600 ppm ACGIH TLV: 600 ppm STEL: 750 ppm				
Ethanol	64-17-5	94	70°F	9
OSHA PEL: 1000ppm ACGIH TLV: 1000ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): .57

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.77 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 70psig @ 130°F

SOLUBILITY IN WATER: Slight

APPEARANCE AND ODOR: Aerosol Can; Clear Liquid - Alcohol Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See * Below

METHOD USED: See*Below

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.5%

UPPER: 9.2%

EXTINGUISHING MEDIA:

Foam, CO2, Dry chemical. *Product considered to be Extremely Flammable as described in 16CFR 1500.45.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures (Over 130°F) containers may vent, rupture or burst.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Soak up material with absorbent. Transfer into a closed container for later disposal. Aerosol propellents are Extremely Flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted, continue to depress valve until all gas is expelled. Dispose of containers in accordance with local, state and federal regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from sunlight, excess heat, sparks, flames and other sources of ignition. Store at temperature below 130°F. Avoid skin and eye contact. Avoid breathing vapors. Wear proper personal protective equipment when using this product. Store as a Level 3 Aerosol (NFPA 30B).

OTHER PRECAUTIONS/DOT INFORMATION:

For Air Shipment: DOT Proper Shipping Name: Aerosols, Hazard Class: 2.1, ID No.: UN1950, Packing Group: N/A. For Surface Shipment: DOT Proper Shipping Name: Consumer Commodity Hazard Class: ORM-D, ID No.: None, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed. Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011016

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	3
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than water.

V.O.C. (EPA METHOD 24): .32 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015232

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/07/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	10
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	8
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 1.82 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Brown, 2-Phase, Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010007

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	75
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
* Dichloromethane	75-09-2	355	68°F	15.02
OSHA PEL: 25ppm ACGIH TLV: 50ppm STEL: 125ppm				
Hazardous Air Pollutant				
Petroleum Naphtha	64742-95-6	2.7	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2
p-mentha-1,8-diene	5989-27-5	2.0	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 104°F - 338°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 5.88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.3

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 118°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire. Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes**IARC MONOGRAPHS: Yes****OSHA REGULATED: Yes**

Product contains dichloromethane, a chemical which has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), ID No.: NA1993, Packing Group: III, RQ Dichloromethane: 1000 Lbs. Non-bulk packagings not Regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (petroleum naphtha, dichloromethane) Class 3, UN1993, PG III Flash Point 48°C. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010037

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	42
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	37
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			14
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	2
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
* Xylenes	1330-20-7			2
Hazardous Air Pollutant				
* Cumene	98-82-8			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 356°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.77 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.7

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 110°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015266

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	24
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
MINERAL SEAL OIL	64741-44-2	0.1	68°F	4
OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, STEL: 10mg/MB As Mist				
p-mentha-1,8-diene	5989-27-5	2.0	68°F	1
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .92

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 2.44 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue Gel - Mild Citrus Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Eye contact may produce moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with clean water for 15 minutes. Contact physician if irritation persists. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. SKIN: Product is a hand cleaner.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Soak up on absorbent material. Dispose into non-hazardous refuse. Wash residue with soap and water.

WASTE DISPOSAL METHOD:

This product as received, may meet the sewer disposal guidelines in many municipalities. Check with local sewer authorities before disposing of unused product. Used product can be drain disposed as with any other hand cleaner.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Product is a hand cleaner.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Product is a hand cleaner.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010002

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	75
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	12
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
p-mentha-1,8-diene	5989-27-5	2.0	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 356°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.55 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.5

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 106°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010031

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	59
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	10
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 380°F - 386°F

SPECIFIC GRAVITY (H2O=1): .85

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 4.96 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as a Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010032

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8052-41-3	2.0	68°F	58
OSHA PEL: 500ppm ACGIH TLV: 100ppm Mfg: TWA 100ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	18
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
Diacetone Alcohol	123-42-2	1.0	68°F	11
OSHA PEL: 50ppm ACGIH TLV: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			9
p-mentha-1,8-diene	5989-27-5	2.0	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 300°F - 315°F

SPECIFIC GRAVITY (H2O=1): .82

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.85 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.9

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 14.4%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015014

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	27
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				
Glycerine	56-81-5	1.0	68°F	3
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
Pine Oil	8002-09-3	0.9	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .96

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 2.98 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.05

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Thick Creamy White Liquid - Pine Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >212°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015027

HMS CODES: H F R P
3 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	26
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				
Glycerine	56-81-5	1.0	68°F	3
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
Pine Oil	8002-09-3	0.9	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .98

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 2.9 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Thick Creamy White Liquid - Pine Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >212°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents, and alkaline materials.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Corrosive Liquid n.o.s. (Phosphoric Acid), Hazard Class: 8, ID No.: UN1760, Packing Group: II. Containers of 1 quart or less are Exempt. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015230

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
MINERAL SEAL OIL	64741-44-2	0.1	68°F	93
OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, STEL: 10mg/MB As Mist				
Starch	9005-25-8	N/A	N/A	4
OSHA PEL: 15mg/MB T*, ACGIH TLV: 10mg/MB R*				
T* = TOTAL DUST, R* = RESPIRABLE DUST FRACTION				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >500°F
SPECIFIC GRAVITY (H2O=1): .84
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): 6.51 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): N/A
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: White, 2-Phase, Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 225°F
METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
UPPER: N/A

EXTINGUISHING MEDIA:
Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat As An Oil Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015223

HMS CODES: H F R P
3 3 1 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	49
Isopropanol OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm	67-63-0	31.2	68°F	35
* Dichloromethane OSHA PEL: 25ppm, ACGIH TLV: 50ppm, STEL: 125ppm Hazardous Air Pollutant	75-09-2	355	68°F	9.94
* Muriatic Acid OSHA PEL: 5ppm ceiling STEL, ACGIH TLV: 5ppm ceiling STEL	7647-01-0	23.5	68°F	3.7

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 104°F - 388°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 7.03 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 11.0

SOLUBILITY IN WATER: 90%

APPEARANCE AND ODOR: Green Liquid - Sharp Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 68°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.0%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness. Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data. Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes**IARC MONOGRAPHS: Yes****OSHA REGULATED: Yes**

Product contains dichloromethane, a chemical which has caused cancer in certain animal laboratory tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Flammable Liquid, Corrosive n.o.s. (Isopropanol, Hydrochloric Acid), Hazard Class: 3, ID No.: UN2924, Packing Group: II. IMDG Code: Flammable Liquid, Corrosive, n.o.s. (Isopropanol, Hydrochloric Acid) Class 3 (SUBSIDIARY RISK CL 8) UN2924 PG II Flash Point 20°C. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used. If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013194

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013006

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gl

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions, this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013102

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012043

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	6
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B012044****HMS CODES: H F R P
1 0 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME:** Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE:** 800-424-9300**INFORMATION PHONE:** 800-336-8276**NAME OF PREPARER:** DAY Chemical Prod. Div.**DATE PRINTED:** 01/02/03**REASON REVISED:** Update; Supersedes All Previous Revisions.**SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT:** >212°F**SPECIFIC GRAVITY (H2O=1):** 1.1**VAPOR DENSITY:** Heavier than air.**EVAPORATION RATE:** Slower than water.**V. O. C. (EPA METHOD 24):** .01 lb/gal**VAPOR PRESSURE (MM HG @ 20°C):** Not established.**SOLUBILITY IN WATER:** 100%**APPEARANCE AND ODOR:** Green Liquid - Mild Odor**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** N/A**METHOD USED:** N/A**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B013040****HMS CODES: H F R P
1 1 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME:** Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE:** 800-424-9300**INFORMATION PHONE:** 800-336-8276**NAME OF PREPARER:** DAY Chemical Prod. Div.**DATE PRINTED:** 04/02/03**REASON REVISED:** Update; Supersedes All Previous Revisions.**SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	10
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	3
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT:** >212°F**SPECIFIC GRAVITY (H2O=1):** 1.05**VAPOR DENSITY:** Heavier than air.**EVAPORATION RATE:** Slower than water.**V. O. C. (EPA METHOD 24):** 1.49 lb/gal**VAPOR PRESSURE (MM HG @ 20°C):** Not established.**SOLUBILITY IN WATER:** 100%**APPEARANCE AND ODOR:** Green Liquid - Mild Odor**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** N/A**METHOD USED:** TAG CC**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010008

**HMS CODES: H F R P
2 2 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: 300ppm	8032-32-4	10	68°F	40
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	36
* Dichloromethane OSHA PEL: 25ppm, ACGIH TLV: 50ppm, STEL: 125ppm Hazardous Air Pollutant	75-09-2	355	68°F	23.34

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 104°F - 338°F

SPECIFIC GRAVITY (H2O=1): .85

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 5.38 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 5.3

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Blue Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 102°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire. Burning will produce hydrogen chloride and traces of phosgene.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes

IARC MONOGRAPHS: Yes

OSHA REGULATED: Yes

Product contains dichloromethane, a chemical which has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.



SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), ID No.: NA1993, Packing Group: III, RQ Dichloromethane: 1000 Lbs. Non-bulk packagings not Regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (petroleum naphtha, dichloromethane) Class 3, UN1993, PG III Flash Point 48°C. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015274

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Potassium Hydroxide	1310-58-3	60	1850°F	5
OSHA PEL: 2mg/MB, ACGIH TLV: 2mg/MB CEILING				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	4
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
Isopropanol	67-63-0	31.2	68°F	4
OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .99

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011028

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	25
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .94

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 2.5 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.04

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011029

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	40
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 3.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.07

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011027

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.6	68°F	39
OSHA PEL: 100ppm, ACGIH TLV: 100ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 320°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 3.42 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.30

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 108°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.7%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011087

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm	64742-94-5	0.9	68°F	5

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .91

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): .79 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.01

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAC CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011088

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	40
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 3.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.07

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

ELECTRO-STATIC



MATERIAL SAFETY DATA SHEET



Page: 1
Revised: January 2, 2003

PRODUCT CODE: B013179

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	7
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Contact with strong acid or extreme heat of a fire may cause decomposition of this product, resulting in the release of

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015251

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 6.93 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >212°F

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015229

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015227

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present. ***
All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015226

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015231

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015224

HMS CODES: H F R P
2 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* n-Hexane OSHA PEL: 500ppm, ACGIH TLV: 50ppm Hazardous Air Pollutant	110-54-3			56
Hexanes, Mixed Isomers OSHA PEL: n/e, ACGIH TLV: 500ppm	MIXTURE	140	68°F	33
Isopropanol OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm	67-63-0	31.2	68°F	11

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 154°F - 180°F

SPECIFIC GRAVITY (H2O=1): .7

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 5.83 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 123.0

SOLUBILITY IN WATER: Less Than 10%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product contains n-Hexane. Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, central nervous system and may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs. Skin contact will dry and crack the skin. Aspiration hazard if swallowed; aspiration of material into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds Cleaning Liquid (Hexane), Hazard Class: 3, ID No.: NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011023

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	3
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .32 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.01

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011005

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* M-Pyrol OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm	872-50-4	.29	68°F	4
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	2
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.01

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012008

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	6
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	5
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012009

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .35 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015343

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Ethanol	64-17-5	94	70°F	13
OSHA PEL: 1000ppm ACGIH TLV: 1000ppm				
Liquified Petroleum Gas	68476-85-7	760	68°F	5
OSHA PEL: 1000 ppm ACGIH TLV: 1000 ppm				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	4
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
Isopropanol	67-63-0			1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): .92

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 1.88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 140psig @ 130°F

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Aerosol Can; Semi-Stable Foam - Floral Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See * Below

METHOD USED: See*Below

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.8%

UPPER: 9.2%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical. *Product considered to be Non-Flammable as described in 16CFR 1500.45.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures (Over 130°F) containers may vent, rupture or burst.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Soak up material with absorbent. Transfer into a closed container for later disposal. Aerosol propellents are Extremely Flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted, continue to depress valve until all gas is expelled. Dispose of containers in accordance with local, state and federal regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from sunlight, excess heat, sparks, flames and other sources of ignition. Store at temperature below 130°F. Avoid skin and eye contact. Avoid breathing vapors. Wear proper personal protective equipment when using this product. Store as Level 1 Aerosol (NFPA 30B).

OTHER PRECAUTIONS/DOT INFORMATION:

For Air Shipment: DOT Proper Shipping Name: Aerosols, Hazard Class: 2.2, ID No.: UN1950, Packing Group: N/A. For Surface Shipment: DOT Proper Shipping Name: Consumer Commodity, Hazard Class: ORM-D, ID No.: None, Packing Group: N/A.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed. Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015252

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	6

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013136

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
* Diethylene Glycol Ethyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant	111-90-0	0.13	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.11

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .54 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

HIGH SPEED NEUTRAL



MATERIAL SAFETY DATA SHEET



Page: 1
Revised: January 2, 2003

PRODUCT CODE: B012159

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .31 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011018

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
1-Butoxy-2-Propanol OSHA PEL: N/E, ACGIH TLV: N/E	5131-66-8	0.6	68°F	87

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .88

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.5 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.56

SOLUBILITY IN WATER: Slight

APPEARANCE AND ODOR: Clear, Light Amber Liquid

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 13.5%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated contact may cause redness, burning, drying and cracking. Contact may result in absorption but symptoms of toxicity are not anticipated by this route alone under normal conditions of use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Glycol Ether), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010004

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	31
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	28
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	23
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
* 1,2,4-Trimethyl Benzene	95-63-6			11
p-mentha-1,8-diene	5989-27-5	2.0	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 340°F

SPECIFIC GRAVITY (H2O=1): .85

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.96 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.3

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015178

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	11
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	9
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 2.02 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 129°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015237

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Cobalt Nitrate OSHA PEL: 0.1mg/MB, ACGIH TLV: 0.02mg/MB AS COBALT	10026-22-9	N/A	N/A	10.65

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.06

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: Yes

OSHA REGULATED: No

IARC states that cobalt compounds are possibly carcinogenic to humans Group 2B (IARC Monograph Volume 52).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015340

HMS CODES: H F R P
1 4 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isoparaffinic Hydrocarbon	64742-48-9	2.3	68°F	55
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 300ppm				
MINERAL OIL	8042-47-5	0.49	68°F	24
OSHA PEL: 5 mg/MB, ACGIH TLV: 5 m/MB, As mist				
Liquified Petroleum Gas	68476-85-7	760	68°F	19
OSHA PEL: 1000 ppm, ACGIH TLV: 1000 ppm				
Butylated Hydroxy Toluene	128-37-0	0.98	68°F	1
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB				
METHYL ETHYL KETOXIME	96-29-7	8.0	68°F	1
OSHA PEL: N/E, ACGIH TLV: N/E				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): .71

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.64 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 120psig @ 130°F

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Aerosol Can; Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See * Below

METHOD USED: See*Below

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2%

UPPER: 9.6%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical. *Product considered to be Flammable as described in 16CFR 1500.45.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures, (Over 130°F) containers may vent, rupture or burst.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Soak up material with absorbent. Transfer into a closed container for later disposal. Aerosol propellents are Extremely Flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted, continue to depress valve until all gas is expelled. Dispose of containers in accordance with local, state and federal regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from sunlight, excess heat, sparks, flames and other sources of ignition. Store at temperature below 130°F. Avoid skin and eye contact. Avoid breathing vapors. Wear proper personal protective equipment when using this product. Store as a Level 3 Aerosol (NFPA 30B).

OTHER PRECAUTIONS/DOT INFORMATION:

For Air Shipment: DOT Proper Shipping Name: Aerosols, Hazard Class: 2.1, ID No.: UN1950, Packing Group: N/A. For Surface Shipment: DOT Proper Shipping Name: Consumer Commodity Hazard Class: ORM-D, ID No.: None, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed. Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B017282

HMS CODES: H F R P
2 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isopropanol OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm	67-63-0	31.2	68°F	100

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 180°F

SPECIFIC GRAVITY (H2O=1): .79

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.56 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 31

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Characteristic Alcohol Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 53°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Isopropanol, Hazard Class: 3, ID No.: UN1219, Packing Group II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013248

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	99

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 340°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 7.48 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.80

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 144°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.8%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Glycol Ether), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012047

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	17
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

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PRODUCT CODE: B013016

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013195

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Propylene Glycol T-Butyl Ether OSHA PEL: N/E, ACGIH TLV: N/E	57018-52-7	1.9	77°F	2

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 3.18 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.02

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012110

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				4
* Diethylene Glycol Ethyl Ether	111-90-0	0.13	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA				
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.11

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .16 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012124

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				5
* Diethylene Glycol Ethyl Ether	111-90-0	0.13	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .19 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012128

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				4
* Diethylene Glycol Ethyl Ether	111-90-0	0.13	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .16 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015004

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	84
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Acetone	67-64-1	181	68°F	12
OSHA PEL: 1000ppm TWA, ACGIH TLV: 500ppm				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	4
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 133°F - 356°F

SPECIFIC GRAVITY (H2O=1): .76

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 5.58 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 8.5

SOLUBILITY IN WATER: Less Than 10%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 12.8%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Acetone), Hazard Class: 3, ID No.: NA1993, Packing Group: II. RQ Acetone: 5000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010050

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	57
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Acetone	67-64-1	181	68°F	25
OSHA PEL: 1000ppm TWA, ACGIH TLV: 500ppm				
Normal Propyl Alcohol	71-23-8	14.5	68°F	18
OSHA PEL: 200ppm, ACGIH TLV: 200ppm, STEL: 250ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 133°F - 247°F

SPECIFIC GRAVITY (H2O=1): .77

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.82 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 8.1

SOLUBILITY IN WATER: Less Than 50%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 13.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

**SECTION 5 - REACTIVITY DATA****STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Acetone), Hazard Class: 3, ID No.: NA1993, Packing Group: II. RQ Acetone: 5000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010030

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	46
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	36
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			13
* Xylenes	1330-20-7			2
Hazardous Air Pollutant				
* Cumene	98-82-8			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 338°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.72 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.6

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 105°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015019

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	94
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	6
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 247°F - 356°F

SPECIFIC GRAVITY (H2O=1): .76

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.36 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 9.65

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 64°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 6.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Naphtha), Hazard Class: 3, ID No.: NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012109

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .17 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

NEUTRAL 176



MATERIAL SAFETY DATA SHEET



Page: 1
Revised: January 2, 2003

PRODUCT CODE: B012150

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.06

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .31 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012022

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .3 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012007

HMS CODES: H F R P
2 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.26

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions, this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012040

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.13

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.14 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

For brief contact, no protection should be needed. Wear gloves made of butyl rubber if extended contact is possible. Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B012001****HMS CODES: H F R P
1 0 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300**INFORMATION PHONE: 800-336-8276****NAME OF PREPARER: DAY Chemical Prod. Div.****DATE PRINTED: 01/02/03****REASON REVISED: Update; Supersedes All Previous Revisions.****SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT: >212°F****SPECIFIC GRAVITY (H2O=1): 1.07****VAPOR DENSITY: Heavier than air.****EVAPORATION RATE: Slower than water.****V. O. C. (EPA METHOD 24): .31 lb/gal****VAPOR PRESSURE (MM HG @ 20°C): Not established.****SOLUBILITY IN WATER: 100%****APPEARANCE AND ODOR: Green Liquid - Mild Odor****SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT: N/A****METHOD USED: N/A****FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A****UPPER: N/A****EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015250

HMS CODES: H F R P
2 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	82

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 7.46 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.07

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 240°F

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010027

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	50
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Acetone	67-64-1	181	68°F	25
OSHA PEL: 1000ppm TWA, ACGIH TLV: 500ppm				
Ethanol	64-17-5	94	70°F	22
OSHA PEL: 1000ppm, ACGIH TLV: 1000ppm				
Isopropanol	67-63-0			2
* Methanol	67-56-1			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 133°F - 247°F

SPECIFIC GRAVITY (H2O=1): .77

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.83 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 20.0

SOLUBILITY IN WATER: Less Than 50%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 12.8%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Acetone), Hazard Class: 3, ID No.: NA1993, Packing Group: II. RQ Acetone: 5000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013015

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	8
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .18 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012051

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/27/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	6

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .35 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012046

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	15
* Non-Hazardous Water Dissociable Nitrates				4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.8 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012038

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .4 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions, this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012039

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.13

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.14 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

For brief contact, no protection should be needed. Wear gloves made of butyl rubber if extended contact is possible. Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012042

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	5
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	5
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .43 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions, this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012045

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013060

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	10
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	3
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010080

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	91
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	7
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 386°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011040

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	40
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 3.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.07

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013061

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	99

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 340°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 7.48 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.80

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 144°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.8%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Glycol Ether), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

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PRODUCT CODE: B015267

HMS CODES: H F R
1 2 0

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isoparaffinic Hydrocarbon	64742-47-8	0.1	68°F	14
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 300ppm				
p-mentha-1,8-diene	5989-27-5	2.0	68°F	9
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				
MINERAL OIL	8042-47-5	0.49	68°F	2
OSHA PEL: 5 mg/MB, ACGIH TLV: 5 m/MB, As mist				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .94

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 2.1 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.06

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Orange Gel - Mild Citrus Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 192°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3%

UPPER: 8.8%

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Eye contact may produce moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with clean water for 15 minutes. Contact physician if irritation persists. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. SKIN: Product is a hand cleaner

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Soak up on absorbent material. Dispose into non-hazardous refuse. Wash residue with soap and water.

WASTE DISPOSAL METHOD:

This product as received, may meet the sewer disposal guidelines in many municipalities. Check with local sewer authorities before disposing of unused product. Used product can be drain disposed as with any other hand cleaner.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

None required.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Product is a hand cleaner.

EYE PROTECTION:

None required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Product is a hand cleaner.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014277

HMS CODES: H F R
1 1 0

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	11
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .99

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.05 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.80

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013034

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/03/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	10
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	3
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013024

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.12

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.23 lb/gl

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013025

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	16
* Diethyleneglycol Mnohexyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 20ppm TWA Hazardous Air Pollutant	112-59-4	<0.01	68°F	4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 3.53 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013017

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	10
* Diethyleneglycol Mnohexyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 20ppm TWA Hazardous Air Pollutant	112-59-4	<0.01	68°F	2
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 2.08 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013022

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	10
* Diethyleneglycol Mnohexyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 20ppm TWA Hazardous Air Pollutant	112-59-4	<0.01	68°F	2
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 2.08 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015026

HMS CODES: H F R P
2 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	39

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 3.38 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

PAR

**MATERIAL SAFETY DATA SHEET**Page: 1
Revised: January 2, 2003**PRODUCT CODE: B013100****HMS CODES: H F R P
1 1 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME: Day International Chemical Products Div.**
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE: 800-424-9300****INFORMATION PHONE: 800-336-8276****NAME OF PREPARER: DAY Chemical Prod. Div.****DATE PRINTED: 01/02/03****REASON REVISED: Update; Supersedes All Previous Revisions.****SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
SURFACTANT	9014-85-1	5.0	70°F	2
OSHA PEL: N/E, ACGIH TLV: N/E				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT: >212°F****SPECIFIC GRAVITY (H2O=1): 1.02****VAPOR DENSITY: Heavier than air.****EVAPORATION RATE: Slower than water.****V. O. C. (EPA METHOD 24): 4.83 lb/gal****VAPOR PRESSURE (MM HG @ 20°C): 0.05****SOLUBILITY IN WATER: Miscible****APPEARANCE AND ODOR: Yellow Liquid - Mild Odor****SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT: >200°F****METHOD USED: N/A****FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A****UPPER: N/A****EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, is regulated as a Special Waste in most States. DO NOT pour undiluted concentrate, as supplied, down sewer. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015003

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isopropanol	67-63-0	31.2	68°F	79
OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm				
Petroleum Naphtha	64742-47-8	2.8	68°F	11
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 180°F - 338°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.53 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 24.56

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 59°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Isopropanol), Hazard Class: 3, ID No.: NA1993, Packing Group II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015290

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015011

HMS CODES: H F R P
2 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	5

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .43 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010017

HMS CODES: H F R P
2 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Toluene OSHA PEL: 100ppm, ACGIH TLV: 50ppm SKIN Hazardous Air Pollutant	108-88-3	38	68°F	29
Isopropanol OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm	67-63-0	31.2	68°F	26
* n-Hexane OSHA PEL: 500ppm, ACGIH TLV: 50ppm Hazardous Air Pollutant	110-54-3			22
Hexanes, Mixed Isomers OSHA PEL: n/e, ACGIH TLV: 500ppm	MIXTURE	140	68°F	13
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: 300ppm	8032-32-4	10	68°F	10

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 154°F - 247°F

SPECIFIC GRAVITY (H2O=1): .76

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.36 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 67.3

SOLUBILITY IN WATER: Less Than 25%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

There is potential for exposure by absorption through the skin, mucous membranes and eyes, which could contribute to the overall exposure to the chemical Toluene, which has been shown to be a developmental toxicant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product contains n-Hexane. Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, central nervous system and may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs. Skin contact will dry and crack the skin. Aspiration hazard if swallowed; aspiration of material into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Non-Halogenated Solvent, EPA I.D. #F005. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds Cleaning Liquid (Hexane), Hazard Class: 3, ID No. NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010028

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	25
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	25
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
Petroleum Naphtha	64742-95-6	2.7	68°F	24
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 2-Propoxyethanol	2807-30-9	1.30	68.0°F	15
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: TWA 25ppm SKIN				
* 1,2,4-Trimethyl Benzene	95-63-6			9
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 301°F - 340°F

SPECIFIC GRAVITY (H2O=1): .86

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 7.14 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.0

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 108°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 15.8%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol. Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Propoxyethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (petroleum naphtha/2-propoxyethanol) Class 3, UN1993, PG III Flash Point 42°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B012141

HMS CODES: H F R P
2 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

PRESS CLEAN



MATERIAL SAFETY DATA SHEET



Page: 1
Revised: January 2, 2003

PRODUCT CODE: B010013

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	54
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	30
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			11
p-mentha-1,8-diene	5989-27-5	2.0	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 338°F

SPECIFIC GRAVITY (H2O=1): .81

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.78 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.7

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 105°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015350

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isoparaffinic Hydrocarbon	64742-48-9	2.3	68°F	55
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 300ppm				
PETROLEUM DISTILLATE	64742-52-5	<0.1	68°F	30
OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, AS MST				
BIS (2-Ethylhexyl) Adipate	103-23-1	5.0	417°F	10
OSHA PEL: N/E, ACGIH TLV: N/E				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 320°F - 782°F

SPECIFIC GRAVITY (H2O=1): .81

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.08 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.4

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 106°F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.5%

UPPER: 9.6%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010009

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	96
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	4
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 247°F - 356°F

SPECIFIC GRAVITY (H2O=1): .76

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.34 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 9.65

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 64°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 6.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Naphtha), Hazard Class: 3, ID No.: NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010061

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm	64742-47-8	0.5	68°F	94

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 386°F

SPECIFIC GRAVITY (H2O=1): .79

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.2 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010059

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm	64742-47-8	0.5	68°F	98

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 386°F

SPECIFIC GRAVITY (H2O=1): .79

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.44 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032000

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	6
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mst	56-81-5	1.0	68°F	5
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .88 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032001

**HMS CODES: H F R P
1 1 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	11
* Non-Hazardous Water Dissociable Nitrates				4

*** Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .87 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032002

**HMS CODES: H F R P
1 1 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	10

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .86 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

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PRODUCT CODE: B032003

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	5
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	5
Acetic Acid OSHA PEL: 10ppm ACGIH TLV: 10ppm STEL: 15ppm	64-19-7	11.4	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .78 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032004

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .35 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032005

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	5
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	5

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 1.6 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032025

**HMS CODES: H F R P
1 1 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	14
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	5
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): 1.59 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): Not established.
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SPECIFIC GRAVITY (H2O=1): 1.04

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
METHOD USED: TAG CC
UPPER: N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032006

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032007

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V. O. C. (EPA METHOD 24): 0.0 lb/gl
VAPOR PRESSURE (MM HG @ 20°C): Not established.
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SPECIFIC GRAVITY (H2O=1): 1.07

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
METHOD USED: N/A
UPPER: N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032008

**HMS CODES: H F R P
1 1 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	4
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .81 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032023

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .7 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032027

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300**INFORMATION PHONE:** 800-336-8276**NAME OF PREPARER:** DAY Chemical Prod. Div.**DATE PRINTED:** 01/02/03**REASON REVISED:** Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	5
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
* Ethylene Glycol	107-21-1	0.12	68°F	4
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F**SPECIFIC GRAVITY (H2O=1):** 1.07**VAPOR DENSITY:** Heavier than air.**EVAPORATION RATE:** Slower than water.**V.O.C. (EPA METHOD 24):** .82 lb/gal**VAPOR PRESSURE (MM HG @ 20°C):** Not established.**SOLUBILITY IN WATER:** 100%**APPEARANCE AND ODOR:** Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A**METHOD USED:** TAG CC**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032029

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	7
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Ethylene Glycol	107-21-1	0.12	68°F	6
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	5
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.01 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032009

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 05/30/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .27 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032021

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.06

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .8 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032010

**HMS CODES: H F R P
1 1 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Glycol Ether DB	112-34-5	.02	77°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .81 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032030

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Glycol Ether DB	112-34-5	.02	77°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): .81 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): Not established.
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Green Liquid - Mild Odor

SPECIFIC GRAVITY (H2O=1): 1.08

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
EXTINGUISHING MEDIA:
Use any fire extinguishing media.

METHOD USED: TAG CC
UPPER: N/A

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032033

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 5/07/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Glycol Ether DB OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 35ppm Hazardous Air Pollutant	112-34-5	.02	77°F	10
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	6
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.08

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 1.98 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

**SECTION 5 - REACTIVITY DATA****STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032017

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032024

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	4
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.06

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032018

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	10
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Ethylene Glycol	107-21-1	0.12	68°F	5
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				4
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	2
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.11

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .67 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032028

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	5
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	4
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .52 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032031

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	6
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032032

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/28/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	4
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Ethylene Glycol	107-21-1	0.12	68°F	3
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .26 lb/gl

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032035

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300**INFORMATION PHONE:** 800-336-8276**NAME OF PREPARER:** DAY Chemical Prod. Div.**DATE PRINTED:** 03/18/03**REASON REVISED:** Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	9
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	3
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F**SPECIFIC GRAVITY (H2O=1):** 1.06**VAPOR DENSITY:** Heavier than air.**EVAPORATION RATE:** Slower than water.**V.O.C. (EPA METHOD 24):** 1.21 lb/gal**VAPOR PRESSURE (MM HG @ 20°C):** Not established.**SOLUBILITY IN WATER:** 100%**APPEARANCE AND ODOR:** Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A**METHOD USED:** TAG CC**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032011

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist	56-81-5	1.0	68°F	8

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V. O. C. (EPA METHOD 24): 0.0 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): Not established.
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SPECIFIC GRAVITY (H2O=1): 1.08

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

METHOD USED: N/A
UPPER: N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032034

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300 CHEMTREC

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 5/06/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	17
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0. lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032012

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V. O. C. (EPA METHOD 24): .66 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): Not established.
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SPECIFIC GRAVITY (H2O=1): 1.13

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
METHOD USED: N/A
UPPER: N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032015

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	6
* Non-Hazardous Water Dissociable Nitrates				3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.12

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .55 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

For brief contact no protection should be needed. Wear gloves made of butyl rubber if extended contact is possible. Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032019

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 2/18/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol	107-21-1	0.12	68°F	6
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant				
* Non-Hazardous Water Dissociable Nitrates				3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.12

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .54 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

**SECTION 5 - REACTIVITY DATA****STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

For brief contact no protection should be needed. Wear gloves made of butyl rubber if extended contact is possible. Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032013

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.07

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .31 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032022

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	6

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032016

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	7
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

For brief contact no protection should be needed. Wear gloves made of butyl rubber if extended contact is possible. Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032014

HMS CODES: H F R P
2 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B032026

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	12
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* Non-Hazardous Water Dissociable Nitrates				1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035000

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .96

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035001

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .98

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035002

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F **SPECIFIC GRAVITY (H2O=1):** .96
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): 0.0 lb/gl
VAPOR PRESSURE (MM HG @ 20°C): N/A
SOLUBILITY IN WATER: Emulsible
APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None **METHOD USED:** N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035003

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035004

**HMS CODES: H F R P
0 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035005

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .97

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B035006

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 04/26/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): 0.0 lb/gl
VAPOR PRESSURE (MM HG @ 20°C): N/A
SOLUBILITY IN WATER: Emulsible
APPEARANCE AND ODOR: White Emulsion - Mild Odor

SPECIFIC GRAVITY (H2O=1): .97

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
METHOD USED: N/A
UPPER: N/A

EXTINGUISHING MEDIA:
Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:
Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030000

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	53
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm	64742-95-6	2.7	68°F	27
* 1,2,4-Trimethyl Benzene	95-63-6			10
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	5
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	2
* Xylenes Hazardous Air Pollutant	1330-20-7			1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 356°F

SPECIFIC GRAVITY (H2O=1): .82

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.74 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.6

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030001

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	46
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	36
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			13
* Xylenes	1330-20-7			2
Hazardous Air Pollutant				
* Cumene	98-82-8			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 338°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.72 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.7

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030002

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	91
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	7
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 386°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B031000

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	40
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	6
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .9

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 3.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.07

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: White Emulsion - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B031001

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	15
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	4
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	4
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 356°F - 386°F

SPECIFIC GRAVITY (H2O=1): .87

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 2.19 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.29

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 152°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). Product is classified as an OSHA Class IIIA Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B031002

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	35
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	4
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	4
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 356°F - 386°F

SPECIFIC GRAVITY (H2O=1): .85

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 3.39 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.29

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 152°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). Product is classified as an OSHA Class IIIA Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030003

**HMS CODES: H F R P
1 2 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	92
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	7
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 386°F

SPECIFIC GRAVITY (H2O=1): .79

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.61 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point above 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B031003

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	3
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than water.

V. O. C. (EPA METHOD 24): .32 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B031004

**HMS CODES: H F R P
1 2 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Paraffinic, Naphthenic Solvent	64742-47-8	0.05	20°C	79
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 100ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	13
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 100ppm				
* Naphthalene	91-20-3			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 415°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 164°F

METHOD USED: TAC CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.8%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No****This product contains no known carcinogens.****MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s.(Naphtha), ID No.: NA1993, Packing Group: III. Non-Bulk Package not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Not Regulated.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030004

**HMS CODES: H F R P
1 2 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8052-41-3	2.0	68°F	96
OSHA PEL: 500ppm, ACGIH TLV: 100ppm, Mfg: TWA 100ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F

SPECIFIC GRAVITY (H2O=1): .79

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.5 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.0

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 105°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.8%

UPPER: 5.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030005

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	90
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 338°F

SPECIFIC GRAVITY (H2O=1): .78

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.37 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.8

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PG III Flash Point 40°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030006

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-94-5	0.9	68°F	53
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				
Petroleum Naphtha	64742-47-8	0.5	68°F	40
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
* Naphthalene	91-20-3			6
Hazardous Air Pollutant				
* 1, 2, 4-Trimethyl Benzene	95-63-6			1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 386°F

SPECIFIC GRAVITY (H₂O=1): .85

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 7.07 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.60

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 9.2%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point above 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B030008

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 2/20/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	53
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	28
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			11
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	3
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 356°F

SPECIFIC GRAVITY (H2O=1): .82

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.6 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.6

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.



SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014220

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Isopropanol	67-63-0	31.2	68°F	8
OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	4
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
* Ethylene Glycol	107-21-1	0.12	68°F	2
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): .97

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 1.12 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.80

SOLUBILITY IN WATER: 60%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 116°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Isopropanol), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (isopropanol/2-butoxy ethanol) Class 3, UN1993, PG III Flash Point 47°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014221

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Pine Oil	8002-09-3	0.9	68°F	15
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 100ppm				
Diacetone Alcohol	123-42-2	1.0	68°F	13
OSHA PEL: 50ppm, ACGIH TLV: 50ppm				
Petroleum Naphtha	8052-41-3	2.0	68°F	11
OSHA PEL: 500ppm, ACGIH TLV: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 300°F - 410°F

SPECIFIC GRAVITY (H2O=1): .95

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 3.06 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.8%

UPPER: 14.4%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015342

HMS CODES: H F R P
1 4 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Liquified Petroleum Gas OSHA PEL: 1000 ppm ACGIH TLV: 1000 ppm	68476-85-7	760	68°F	50
N-PENTANE OSHA PEL: 600 ppm ACGIH TLV: 600 ppm STEL: 750 ppm	109-66-0	400	65°F	35
Heptane Mixed Isomers OSHA PEL: N/E, ACGIH TLV: N/E	Mixture	45	68°F	7
POLYDIMETHYLSILOXANE OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, As mist	63148-62-9	0.0	0.0°F	5
n-Heptane OSHA PEL: 500ppm ACGIH TLV: 400ppm	142-82-5			3

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Faster than n-Butyl Acetate.
V. O. C. (EPA METHOD 24): 4.57 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): 70psig @ 130°F
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Aerosol Can; Clear Liquid - Petroleum Odor

SPECIFIC GRAVITY (H2O=1): .58

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See * Below

METHOD USED: See*Below

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2%

UPPER: 9.2%

EXTINGUISHING MEDIA:

Foam, CO2, Dry chemical. *Product considered to be Extremely Flammable as described in 16CFR 1500.45.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures (Over 130°F) containers may vent, rupture or burst.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Soak up material with absorbent. Transfer into a closed container for later disposal. Aerosol propellents are Extremely Flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted, continue to depress valve until all gas is expelled. Dispose of containers in accordance with local, state and federal regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from sunlight, excess heat, sparks, flames and other sources of ignition. Store at temperature below 130°F. Avoid skin and eye contact. Avoid breathing vapors. Wear proper personal protective equipment when using this product. Store as a Level 3 Aerosol (NFPA 30B).

OTHER PRECAUTIONS/DOT INFORMATION:

For Air Shipment: DOT Proper Shipping Name: Aerosols, Hazard Class: 2.1, ID No.: UN1950, Packing Group: N/A. For Surface Shipment: DOT Proper Shipping Name: Consumer Commodity Hazard Class: ORM-D, ID No.: None, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

For brief contact, no precautions are needed. Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015225

HMS CODES: H F R P
0 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): N/A

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015204

HMS CODES: H F R P
2 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Heptane Mixed Isomers	Mixture	45	68°F	62
OSHA PEL: N/E, ACGIH TLV: N/E				
n-Heptane	142-82-5			27
OSHA PEL: 500ppm, ACGIH TLV: 400ppm				
Isopropanol	67-63-0	31.2	68°F	11
OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 180°F - 200°F

SPECIFIC GRAVITY (H2O=1): .71

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 5.89 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 43.0

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquids (Heptane), Hazard Class: 3, ID No.: NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010115

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	59
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	38
OSHA PEL: 100ppm ACGIH TLV: 100ppm STEL: 150ppm				
PETROLEUM DISTILLATE	64742-52-5	<0.1	68°F	2
OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, AS MST				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 338°F - 356°F

SPECIFIC GRAVITY (H2O=1): .84

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.7 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Solvent Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015280

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Soak up on absorbent material. Dispose into non-hazardous refuse. Wash residue with soap and water.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015222

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Dimethyl Glutarate	1119-40-0	0.2	68°F	46
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 10ng/MB				
Dimethyl Succinate	106-65-0	0.2	68°F	17
OSHA PEL: N/E, ACGIH TLV: N/EI, MFG: 10ng/MB				
Petroleum Naphtha	64742-95-6	2.7	68°F	15
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
Dimethyl Adipate	627-93-0	0.2	68°F	13
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 10ng/MB				
* 1,2,4-Trimethyl Benzene	95-63-6			5

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 411°F

SPECIFIC GRAVITY (H2O=1): 1.04

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 8.49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 1.2

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 110°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013135

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Glycerine	56-81-5	1.0	68°F	9
OSHA PEL: 10mg/MB, ACGIH TLV: 10mg/MB as Mist				
* 2-Butoxy Ethanol	111-76-2	0.8	68°F	9
OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN				
Hazardous Air Pollutant				
Isopropanol	67-63-0	31.2	68°F	6
OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm				
* Ethylene Glycol	107-21-1	0.12	68°F	5
OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist				
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.01

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 1.69 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.80

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Pink Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 109°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Isopropanol), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (isopropanol/2-butoxy ethanol) Class 3, UN1993, PG III Flash Point 47°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B013013****HMS CODES: H F R P
1 0 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME:** Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE:** 800-424-9300**INFORMATION PHONE:** 800-336-8276**NAME OF PREPARER:** DAY Chemical Prod. Div.**DATE PRINTED:** 01/02/03**REASON REVISED:** Update; Supersedes All Previous Revisions.**SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	8

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT:** >212°F**SPECIFIC GRAVITY (H2O=1):** 1.05**VAPOR DENSITY:** Heavier than air.**EVAPORATION RATE:** Slower than water.**V. O. C. (EPA METHOD 24):** .73 lb/gal**VAPOR PRESSURE (MM HG @ 20°C):** 0.07**SOLUBILITY IN WATER:** 100%**APPEARANCE AND ODOR:** Blue Liquid - Mild Odor**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** None**METHOD USED:** N/A**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014255

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: 500ppm, ACGIH TLV: 100ppm	8052-41-3	2.0	68°F	18
MINERAL SEAL OIL OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, STEL: 10mg/MB As Mist	64741-44-2	0.1	68°F	13
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	3
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	2
Diacetone Alcohol OSHA PEL: 50ppm, ACGIH TLV: 50ppm	123-42-2	1.0	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than water.
V.O.C. (EPA METHOD 24): 2.94 lb/gal
VAPOR PRESSURE (MM HG @ 20°C): 0.20
SOLUBILITY IN WATER: Less Than 5%
APPEARANCE AND ODOR: White Paste - Petroleum Odor

SPECIFIC GRAVITY (H2O=1): .92

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

METHOD USED: TAG CC
UPPER: 14.4%

EXTINGUISHING MEDIA:
Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

TOTAL

**MATERIAL SAFETY DATA SHEET**Page: 1
Revised: January 2, 2003

PRODUCT CODE: B013138

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
* Diethylene Glycol Ethyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant	111-90-0	0.13	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.11

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .53 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.00

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

TOTAL CHROME FREE



MATERIAL SAFETY DATA SHEET



Page: 1
Revised: January 2, 2003

PRODUCT CODE: B013144

**HMS CODES: H F R P
1 0 0 X**

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS: 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
* Diethylene Glycol Ethyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant	111-90-0	0.13	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .67 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Orange Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013181

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				5
* Ethylene Glycol OSHA PEL: n/e, ACGIH TLV: 100mg/MB Ceiling as Mist Hazardous Air Pollutant	107-21-1	0.12	68°F	4
* Diethylene Glycol Ethyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant	111-90-0	0.13	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .57 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.04

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Orange Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013112

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* 2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH TLV: 20ppm SKIN Hazardous Air Pollutant	111-76-2	0.8	68°F	13
Acetic Acid OSHA PEL: 10ppm ACGIH TLV: 10ppm STEL: 15ppm	64-19-7	11.4	68°F	3
* Non-Hazardous Water Dissociable Nitrates				2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 2.42 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mld Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014003

HMS CODES: H F R P
2 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
1-Butoxy-2-Propanol OSHA PEL: N/E, ACGIH TLV: N/E	5131-66-8	0.6	68°F	5

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): .63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.01

SOLUBILITY IN WATER: 60%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated contact may cause redness, burning, drying and cracking. Contact may result in absorption but symptoms of toxicity are not anticipated by this route alone under normal conditions of use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015235

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	11
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	9
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 2.03 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.20

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Blue Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 129°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010058

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	90
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm	64742-94-5	0.9	68°F	4
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	3

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 338°F - 363°F

SPECIFIC GRAVITY (H2O=1): .78

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.4 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Solvent Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 102°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.



SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

TYPE WASH

**MATERIAL SAFETY DATA SHEET**Page: 1
Revised: January 2, 2003**PRODUCT CODE: B010021****HMS CODES: H F R P
2 3 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME: Day International Chemical Products Div.**
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE: 800-424-9300****INFORMATION PHONE: 800-336-8276****NAME OF PREPARER: DAY Chemical Prod. Div.****DATE PRINTED: 01/02/03****REASON REVISED: Update; Supersedes All Previous Revisions.****SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Toluene OSHA PEL: 100ppm ACGIH TLV: 50ppm SKIN Hazardous Air Pollutant	108-88-3	38	68°F	54
Isopropanol OSHA PEL: 400ppm ACGIH TLV: 400ppm STEL: 500ppm	67-63-0	31.2	68°F	25
* n-Hexane OSHA PEL: 500ppm ACGIH TLV: 50ppm Hazardous Air Pollutant	110-54-3			13
Hexanes, Mixed Isomers OSHA PEL: n/e, ACGIH TLV: 500ppm	MIXTURE	140	68°F	8

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT: 154°F - 232°F****SPECIFIC GRAVITY (H2O=1): .8****VAPOR DENSITY: Heavier than air.****EVAPORATION RATE: Faster than n-Butyl Acetate.****V. O. C. (EPA METHOD 24): 6.69 lb/gal****VAPOR PRESSURE (MM HG @ 20°C): 55.8****SOLUBILITY IN WATER: Less Than 25%****APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor****SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT: <20°F****METHOD USED: TAG CC****FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%****UPPER: 12.0%****EXTINGUISHING MEDIA:**

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

There is potential for exposure by absorption through the skin, mucous membranes and eyes, which could contribute to the overall exposure to the chemical Toluene, which has been shown to be a developmental toxicant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product contains n-Hexane. Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, central nervous system and may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs. Skin contact will dry and crack the skin. Aspiration hazard if swallowed; aspiration of material into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Non- Halogenated Solvent, EPA I.D. #F005. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Toluene), Hazard Class: 3, ID No.: NA1993, Packing Group: II, RQ Toluene: 1000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013004

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.02

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 1.49 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Pink Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014295

 H M S CODES: H F R P
 2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
 ADDRESS : 905 South Westwood Avenue
 Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Dichloromethane OSHA PEL: 25ppm, ACGIH TLV: 50ppm, STEL: 125ppm Hazardous Air Pollutant	75-09-2	355	68°F	44.95
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: 300ppm	8032-32-4	10	68°F	33
Propylene Glycol T-Butyl Ether OSHA PEL: N/E, ACGIH TLV: N/E	57018-52-7	1.9	77°F	7
Diacetone Alcohol OSHA PEL: 50ppm, ACGIH TLV: 50ppm	123-42-2	1.0	68°F	7
* Toluene OSHA PEL: 100ppm, ACGIH TLV: 50ppm SKIN Hazardous Air Pollutant	108-88-3	38	68°F	5
Isopropanol OSHA PEL: 400ppm, ACGIH TLV: 400ppm, STEL: 500ppm	67-63-0	31.2	68°F	3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 104°F - 304°F

SPECIFIC GRAVITY (H2O=1): .97

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.44 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 6.3

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Red Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 101°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire. Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

There is potential for exposure by absorption through the skin, mucous membranes and eyes, which could contribute to the overall exposure to the chemical Toluene, which has been shown to be a developmental toxicant. Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes

IARC MONOGRAPHS: Yes

OSHA REGULATED: Yes

Product contains dichloromethane, a chemical that has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010096

HMS CODES: H F R P
2 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	40
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	34
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			13
* Dichloromethane	75-09-2	355	68°F	10.72
OSHA PEL: 25ppm, ACGIH TLV: 50ppm, STEL: 125ppm				
Hazardous Air Pollutant				
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 104°F - 338°F

SPECIFIC GRAVITY (H2O=1): .86

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.39 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.3

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 102°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire. Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes

IARC MONOGRAPHS: Yes

OSHA REGULATED: Yes

Product contains dichloromethane, a chemical that has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), ID No.: NA1993, Packing Group: III, RQ Dichloromethane: 1000 Lbs. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Flammable Liquid n.o.s. (petroleum naphtha, dichloromethane) Class 3, UN1993, PG III Flash Point 48°C. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B010078****HMS CODES: H F R P
1 3 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME: Day International Chemical Products Div.**
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE: 800-424-9300****INFORMATION PHONE: 800-336-8276****NAME OF PREPARER: DAY Chemical Prod. Div.****DATE PRINTED: 01/02/03****REASON REVISED: Update; Supersedes All Previous Revisions.****SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: 300ppm	8032-32-4	10	68°F	100

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT: 247°F****SPECIFIC GRAVITY (H2O=1): .75****VAPOR DENSITY: Heavier than air.****EVAPORATION RATE: Faster than n-Butyl Acetate.****V.O.C. (EPA METHOD 24): 6.28 lb/gal****VAPOR PRESSURE (MM HG @ 20°C): 10.5****SOLUBILITY IN WATER: Negligible****APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor****SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT: 50°F****METHOD USED: TAG CC****FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9%****UPPER: 6.0%****EXTINGUISHING MEDIA:**

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Naphtha), Hazard Class: 3, ID No.: NA1993, Packing Group: II. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010034

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	73
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	17
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			7

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 338°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.5 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.8

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 102°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B014100

HMS CODES: H F R P
2 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Hydroxyacetic Acid	79-14-1	N/E	N/A	8
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 10mg/MB TWA				
Amidosulfamic Acid	5329-14-6	N/E	N/A	8
OSHA: N/E, ACGIH: N/E				
Citric Acid	77-92-9	N/A	N/A	6
OSHA PEL: N/E, ACGIH TLV: N/E				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 0.0 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Corrosive Liquid n.o.s. (Sulfamic Acid), Hazard Class: 8, ID No.: UN1760, Packing Group: III. Containers of 1 gallon or less are Exempt. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015200

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	12

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 1.07 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Yellow Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life. Protect from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause moderate irritation. Eye contact will cause severe irritation and could result in permanent damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product will cause irritation and possible permanent damage upon contact with eyes and cause irritation to the skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Seek medical attention immediately. SKIN: Wash with soap and water. INHALATION: Move to fresh air. INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water to drink. Never give anything by mouth to an unconscious person.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product as supplied, may meet the sewer disposal guidelines in many municipalities after pH adjustment. See "Other Precautions" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010065

HMS CODES: H F R P
2 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-89-8	60	68°F	86
OSHA PEL: 400ppm ACGIH TLV: N/E				
* Toluene	108-88-3			14
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 213°F

SPECIFIC GRAVITY (H2O=1): .75

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.27 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 60.0

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

There is potential for exposure by absorption through the skin, mucous membranes and eyes, which could contribute to the overall exposure to the chemical Toluene, which has been shown to be a developmental toxicant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Non- Halogenated Solvent, EPA I.D. #F005. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Naphtha), Hazard Class: 3, ID No.: NA1993, Packing Group: II, RQ Toluene: 1000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B017000

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
MINERAL SEAL OIL	64741-44-2	0.1	68°F	50
OSHA PEL: 5mg/MB, ACGIH TLV: 5mg/MB, STEL: 10mg/MB As Mist				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 560°F

SPECIFIC GRAVITY (H2O=1): .84

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V.O.C. (EPA METHOD 24): 3.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.10

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 225°F

METHOD USED: PMCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 7.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated as Special Waste in most States. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011080

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	63
Diacetone Alcohol OSHA PEL: 50ppm, ACGIH TLV: 50ppm	123-42-2	1.0	68°F	15
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	15
PM Acetate OSHA PEL: N/E, ACGIH TLV: N/E	108-65-6	3.7	68°F	5
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	2

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 300°F - 356°F

SPECIFIC GRAVITY (H2O=1): .92

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 7.63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 1.2

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 114°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 13.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015205

HMS CODES: H F R P
2 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Dichloromethane OSHA PEL: 25ppm, ACGIH TLV: 50ppm, STEL: 125ppm Hazardous Air Pollutant	75-09-2	355	68°F	88.5
Methanol OSHA PEL: 200ppm, ACGIH TLV: 200ppm Hazardous Air Pollutant	67-56-1	96	68°F	5
* Ammonia OSHA PEL: 25ppm, ACGIH TLV: 25ppm	7664-41-7	760	68°F	2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: N/A

SPECIFIC GRAVITY (H2O=1): 1.25

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): .73 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 4.3

SOLUBILITY IN WATER: Slight

APPEARANCE AND ODOR: Green Liquid - Sharp Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 13%

UPPER: 23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire. Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon, hydrogen chloride and traces of phosgene.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: Yes**IARC MONOGRAPHS: Yes****OSHA REGULATED: Yes**

Product contains dichloromethane, a chemical that has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Toxic Liquids, Organic n.o.s. (Dichloromethane). Hazard Class: 6.1, ID No.: UN2810, Packing Group: III, RQ Dichloromethane: 1000 Lbs. Limited Quantities Renamed "Consumer Commodity" ORM-D. California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section VI of this MSDS for details on carcinogenicity).

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin. Launder contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B015025

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8052-41-3	2.0	68°F	88
OSHA PEL: 500ppm ACGIH TLV: 100ppm Mfg: TWA 100ppm				
Pine Oil	8002-09-3	0.9	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, MFG: 100ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			3

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 410°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.5 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 3.3

SOLUBILITY IN WATER: Less Than 5%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 108°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.3%

UPPER: 14.4%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B011002

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	90
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
1-Butoxy-2-Propanol	5131-66-8	0.6	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E				
p-mentha-1,8-diene	5989-27-5	2.0	68°F	3
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.

*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 338°F

SPECIFIC GRAVITY (H2O=1): .78

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.38 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.7

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 101°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated contact may cause redness, burning, drying and cracking. Contact may result in absorption but symptoms of toxicity are not anticipated by this route alone under normal conditions of use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingredients in this product are toxic. Ingestion may cause nausea, moderate gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013111

HMS CODES: H F R P
1 1 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Diethylene Glycol Ethyl Ether OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant	111-90-0	0.13	68°F	18

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.03

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): 2.32 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.14

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010006

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	46
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	36
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			13
* Xylenes	1330-20-7			2
Hazardous Air Pollutant				
* Cumene	98-82-8			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 338°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.72 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.7

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

**PRODUCT CODE: B010095****HMS CODES: H F R P
1 2 0 X****SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME: Day International Chemical Products Div.**
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101**EMERGENCY PHONE: 800-424-9300****INFORMATION PHONE: 800-336-8276****NAME OF PREPARER: DAY Chemical Prod. Div.****DATE PRINTED: 01/02/03****REASON REVISED: Update; Supersedes All Previous Revisions.****SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.8	68°F	90
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
Petroleum Naphtha	64742-95-6	2.7	68°F	5
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			2

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING RANGE/POINT: 315°F - 338°F****SPECIFIC GRAVITY (H2O=1): .78****VAPOR DENSITY: Heavier than air.****EVAPORATION RATE: Slower than n-Butyl Acetate.****V. O. C. (EPA METHOD 24): 6.37 lb/gal****VAPOR PRESSURE (MM HG @ 20°C): 2.8****SOLUBILITY IN WATER: Emulsible****APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor****SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****FLASH POINT: 104°F****METHOD USED: TAG CC****FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%****UPPER: 6.5%****EXTINGUISHING MEDIA:**

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PG III Flash Point 40°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010003

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	43
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm	64742-95-6	2.7	68°F	32
* 1,2,4-Trimethyl Benzene	95-63-6			12
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	6
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	2
* Xylenes Hazardous Air Pollutant	1330-20-7			1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 356°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.77 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.6

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 106°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010005

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH TLV: N/E	64742-47-8	2.8	68°F	53
Petroleum Naphtha OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm	64742-95-6	2.7	68°F	27
* 1,2,4-Trimethyl Benzene	95-63-6			10
Dipropylene Glycol Methyl Ether OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm	34590-94-8	0.17	68°F	5
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm	5989-27-5	2.0	68°F	2
* Xylenes Hazardous Air Pollutant	1330-20-7			1

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 356°F

SPECIFIC GRAVITY (H2O=1): .82

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V.O.C. (EPA METHOD 24): 6.74 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.6

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Yellow Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010040

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	2.6	68°F	49
OSHA PEL: 100ppm, ACGIH TLV: 100ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	33
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
* 1,2,4-Trimethyl Benzene	95-63-6			12
* Xylenes	1330-20-7			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 320°F

SPECIFIC GRAVITY (H2O=1): .83

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.7 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.8

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 106°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.7%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010060

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	91
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-94-5	0.9	68°F	7
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 100ppm				

*** No toxic chemical(s) subject to the reporting requirements of SECTION 313 of SARA Title III and of 40 CFR 372 are present.
*** All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 363°F - 386°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.51 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 0.50

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 142°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 11.7%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-Bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Not Restricted for Air Shipment as per IATA 3.3.1.2. Flash Point above 141°F (60.5°C). IMDG Code: Petroleum Distillates, n.o.s. (petroleum naphtha) Class 3, UN1268, PGIII, Flash Point 61°C.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010075

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-47-8	0.5	68°F	78
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 300ppm				
Petroleum Naphtha	64742-95-6	2.7	68°F	10
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
Petroleum Naphtha	64742-47-8	2.8	68°F	7
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
* 1,2,4-Trimethyl Benzene	95-63-6			4

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 315°F - 386°F

SPECIFIC GRAVITY (H2O=1): .8

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.63 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 1.05

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 132°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 12.0%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B010010

HMS CODES: H F R P
1 2 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	64742-95-6	2.7	68°F	38
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 50ppm				
Petroleum Naphtha	64742-47-8	2.8	68°F	33
OSHA PEL: 500ppm TWA, ACGIH TLV: N/E				
* 1,2,4-Trimethyl Benzene	95-63-6			15
Dipropylene Glycol Methyl Ether	34590-94-8	0.17	68°F	9
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, STEL: 150ppm				
* Xylenes	1330-20-7			2
Hazardous Air Pollutant				
p-mentha-1,8-diene	5989-27-5	2.0	68°F	1
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg: 125ppm				
* Cumene	98-82-8			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 310°F - 356°F

SPECIFIC GRAVITY (H2O=1): .84

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 6.94 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 2.5

SOLUBILITY IN WATER: Emulsible

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 107°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0%

UPPER: 6.5%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings are not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.



PRODUCT CODE: B013134

HMS CODES: H F R P
1 0 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
* Non-Hazardous Water Dissociable Nitrates				4
* Diethylene Glycol Ethyl Ether	111-90-0	0.13	68°F	2
OSHA PEL: N/E, ACGIH TLV: N/E, Mfg.: 25ppm TWA Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: >212°F

SPECIFIC GRAVITY (H2O=1): 1.09

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than water.

V. O. C. (EPA METHOD 24): .17 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): Not established.

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: Blue-Green Liquid - Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:

Use any fire extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated skin contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY: NTP CARCINOGEN: No**IARC MONOGRAPHS: No****OSHA REGULATED: No**

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact physician if irritation persists. SKIN: Wash with soap and water. INGESTION: If victim is fully conscious, induce vomiting as directed by medical personnel. Seek medical attention immediately. INHALATION: Move victim to fresh air. Give oxygen if breathing is labored.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

This product contains between 0.15-0.3% tri-valent chromium. If it becomes a waste it is regulated by EPA as Characteristic Waste EPA #D007. Fountain solutions made with this product typically contain between 10-30ppm of tri-valent chromium. See "OTHER PRECAUTIONS" for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A. Sewer disposal is governed by EPA Regulations (Clean Water Act), which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposal.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation required.

PROTECTIVE GLOVES:

Not required under normal conditions of use. For extended exposure, wear gloves made of butyl or nitrile rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

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PRODUCT CODE: B010039

HMS CODES: H F R P
1 3 0 X

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Day International Chemical Products Div.
ADDRESS : 905 South Westwood Avenue
Addison, Illinois 60101

EMERGENCY PHONE: 800-424-9300

INFORMATION PHONE: 800-336-8276

NAME OF PREPARER: DAY Chemical Prod. Div.

DATE PRINTED: 01/02/03

REASON REVISED: Update; Supersedes All Previous Revisions.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR MM HG @	PRESSURE TEMP	WEIGHT PERCENT
Petroleum Naphtha	8032-32-4	10	68°F	50
OSHA PEL: N/E, ACGIH TLV: 300ppm				
Acetone	67-64-1	181	68°F	25
OSHA PEL: 1000ppm TWA, ACGIH TLV: 500ppm				
Ethanol	64-17-5	94	70°F	22
OSHA PEL: 1000ppm, ACGIH TLV: 1000ppm				
Isopropanol	67-63-0			2
* Methanol	67-56-1			1
Hazardous Air Pollutant				

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. All ingredients are listed on the EPA TSCA Inventory.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE/POINT: 133°F - 247°F

SPECIFIC GRAVITY (H2O=1): .77

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Faster than n-Butyl Acetate.

V. O. C. (EPA METHOD 24): 4.83 lb/gal

VAPOR PRESSURE (MM HG @ 20°C): 20.0

SOLUBILITY IN WATER: Less Than 50%

APPEARANCE AND ODOR: Clear Liquid - Petroleum Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <20°F

METHOD USED: TAG CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:

UPPER: 12.8%

EXTINGUISHING MEDIA:

Alcohol Foam, CO2, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as a petroleum fire. Vapors can travel to source of ignition and flash back.

SECTION 5 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Flammable Liquid.

OTHER PRECAUTIONS/DOT INFORMATION:

DOT Proper Shipping Name: Compounds, Cleaning Liquid (Acetone), Hazard Class: 3, ID No.: NA1993, Packing Group: II. RQ Acetone: 5000 Lbs. Product is classified as an OSHA Class IB Flammable Liquid.

SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation is inadequate to maintain concentrations below the established exposure limits in SECTION 2, additional ventilation or local exhaust system is required. Explosion proof electrical systems must be used.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9 - DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.