

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Dampener Cover Cleaner 18

Chemical names, common names: Glycol Ether-Water Base Mixture

Manufacturer's Name: HURST CHEMICAL COMPANY

Address: 2500 San Fernando Road, Los Angeles, CA. 90065

DOT CLASSIFICATION: Not regulated

For Product Information, call: (323) 223-4121

FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

Exposure Limits in Air

Chemical NamesCAS NumberACGIH (TWA)OSHA (PEL)Butyl Oxitol111-76-225ppm50 ppm

2-Propoxyethanol 2807-30-9 ----Not Established----

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR

372.

<u>Listed Ingredients</u> <u>CAS Number</u> <u>Weight % Range</u>

Butyl Oxitol 111-76-2 12.00 2-Propoxyethanol 2807-30-9 10.00

III. PHYSICAL PROPERTIES

<u>Vapor density (air = 1):</u> <1 <u>Specific Gravity:</u> .0.985 <u>Density lb/gal:</u> 8.2 <u>Solubility in water:</u> 100% <u>VOC Composite Partial Pressure, mm Hg at 20°C:</u> <1

Evaporation rate (Bu Ac = 1): <1 Boiling Range °F: 212 PH= 6.00

Appearance and odor: Blue Liquid, with pleasant odor

Volatile Organic Content (VOC, EPA Method 24): 314 gm/liter; 2.6 lb/gallon

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS Health Hazard=1 0=Least 4=Extreme

HAZARD Flammability=1 1=Slight
CLASS Reactivity= 0 2=Moderate
Other = Organic vapor respirator, 3 = High

gloves, and safety glasses

Flash Point °F: 145 TCC

Flammable limits in air, volume%: lower 0.7 upper 15

<u>Fire extinguishing materials:</u> <u>No</u> water spray <u>Yes</u> carbon dioxide <u>Yes</u> foam

Yes dry chemical No other

<u>Special firefighting procedures:</u> Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Solvent vapors exposed to open flame can become combustible under certain conditions; then use dry chemical, CO2 to extinguish.

<u>Unusual fire and explosion hazards:</u> Keep work areas free of hot metal surfaces and other sources of ignition.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled:Breathing vapors or mists may be harmful. Repeated exposure to glycol ether vapors may cause irritation of the nose and throat, blood disorders, and kidney damage.

Contact with skin or eyes: This product may cause eye & skin irritation. Direct contact with the glycol ethers may cause burning, redness, eye and skin damage.

Absorbed through skin:Glycol ethers are toxic when absorbed through skin.

Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

Swallowed:Glycol ethers may be harmful if swallowed. Symptoms of toxicity may include irritation of the digestive tract and blood disorders.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Skin and eye irritation.

Chronic:Repeated or prolonged exposure to vapors may cause blood disorders, kidney and spleen damage.

FIRST AID: EMERGENCY PROCEDURES -

Eye Contact: Flush eyes immediately with water. If irritation persists seek medical attention.

Skin Contact: Wash promptly with soap and water. If irritation or redness develops, seek medical attention.

Inhaled: Move victim away from source of exposure and into fresh air. If symptoms of exposure develop, seek medical attention.

Swallowed: Do not give anything by mouth. Seek medical attention.

COMMENTS: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Butyl Oxitol has caused blood disorders resulting in liver, kidney and spleen disorders in long term studies in laboratory animals. Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain & nervous system damage, (Sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating & inhaling this product may be harmful or fatal.

VI. REACTIVITY DATA

Stability: Stable under ordinary use and storage.

Incompatibility (materials to avoid): This product is incompatible with alkalies and strong oxidizing agents.

Hazardous Decomposition products (including combustion products): Carbon monoxide /carbon dioxide.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: This product is biodegradable. Keep out of drains, sewers, or waterways. Use sand or inert material to contain spill. Do not flush area with water.

Preparing wastes for disposal:Consult federal, state, and local regulations

controlling proper disposal, of glycol ether- water based mixtures.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls:Floor ventilation is preferred.

Respiratory Protection:In working atmosphere where TLV or (PEL) levels are exceeded, use NIOSH-approved chemical cartridge with your respirator or gas mask.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with solvents by using nitrile gloves.

Other clothing and equipment: It is suggested that a source of clean water be available in work area for flushing eyes & skin. Impervious clothing should be worn as needed.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death.

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