

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number SO2200
Product name Screen Opener
Effective date 14-Mar-2011
Company information Burnishine Products
Lake Villa, IL 60046 United States
Company phone General Assistance 1-800-818-8275
Emergency telephone US 800-424-9300
Emergency telephone outside US 703-527-3887
Version # 08
Supersedes date 27-Jul-2010

2. Hazards Identification

Emergency overview FLAMMABLE
Aerosol. CONTENTS UNDER PRESSURE.
Harmful in contact with eyes. Irritating to skin. Irritating to respiratory system.

Potential health effects

Routes of exposure Eye contact. Skin contact. Ingestion.

Eyes Contact may irritate or burn eyes.

Skin Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Irritating to skin.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system. Prolonged inhalation may be harmful.

Ingestion Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

Target organs Central nervous system. Lungs.

Chronic effects Unconsciousness. Conjunctiva. Cyanosis (blue tissue condition, nails, lips, and/or skin). May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

Signs and symptoms Discomfort in the chest. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Coughing. Jaundice. Conjunctivitis. Defatting of the skin. Skin irritation.

3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|--|-----------|---------|
| n-Butane | 106-97-8 | 20 - 30 |
| Cyclohexanone | 108-94-1 | 15 - 20 |
| 1,2,4-Trimethyl Benzene | 95-63-6 | 15 - 20 |
| Propane | 74-98-6 | 8 - 10 |
| Xylene | 1330-20-7 | 1 - 3 |
| Non-hazardous and other components below reportable levels | | 20 - 40 |

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops and persists.

| | |
|---------------------------|--|
| Inhalation | Move to fresh air. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist. |
| Ingestion | Call a physician immediately. Do not induce vomiting without advice from poison control center. |
| Notes to physician | Symptoms may be delayed. |

5. Fire Fighting Measures

| | |
|--|---|
| Flammable properties | Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard. |
| Extinguishing media | |
| Suitable extinguishing media | Foam. Dry chemical. Carbon dioxide (CO ₂). Do not use water jet. |
| Protection of firefighters | |
| Protective equipment and precautions for firefighters | In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up. |

6. Accidental Release Measures

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|--------------------------------|---|
| Methods for containment | Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. |
| Methods for cleaning up | Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| | Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |

7. Handling and Storage

| | |
|-----------------|---|
| Handling | Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Do not get this material in contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid prolonged exposure. |
| Storage | Contents under pressure. Do not puncture, incinerate or crush. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol. |

8. Exposure Controls / Personal Protection

Exposure limits

ACGIH

| Components | CAS # | TWA | STEL | Ceiling |
|-------------------------|-----------|----------|-----------------|-----------------|
| n-Butane | 106-97-8 | 1000 ppm | Not established | Not established |
| Cyclohexanone | 108-94-1 | 20 ppm | 50 ppm | Not established |
| 1,2,4-Trimethyl Benzene | 95-63-6 | 25 ppm | Not established | Not established |
| Propane | 74-98-6 | 1000 ppm | Not established | Not established |
| Xylene | 1330-20-7 | 100 ppm | 150 ppm | Not established |

OSHA

| Components | CAS # | TWA | STEL | Ceiling |
|---------------|-----------|----------|-----------------|-----------------|
| Cyclohexanone | 108-94-1 | 50 ppm | Not established | Not established |
| Propane | 74-98-6 | 1000 ppm | Not established | Not established |
| Xylene | 1330-20-7 | 100 ppm | Not established | Not established |

Personal protective equipment

| | |
|-------------------------------|---|
| Eye / face protection | Do not get in eyes. Chemical goggles are recommended. |
| Skin protection | Wear appropriate chemical resistant clothing. Chemical resistant gloves. |
| Respiratory protection | Wear positive pressure self-contained breathing apparatus (SCBA). If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. |

9. Physical & Chemical Properties

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|---------------------------|------------------------------------|
| Appearance | Compressed liquefied gas. |
| Boiling point | 186.8 °F (86.1 °C) estimated |
| Color | Colorless. |
| Density | 0.7455 g/cm ³ estimated |
| Flammability (HOC) | 43.1279 kJ/g estimated |
| Flash back | Yes |
| Flash point | -156 °F (-104.4 °C) Propellant |
| Form | Aerosol. |
| Freezing point | Not available |
| Odor | Characteristic. |
| pH | Not applicable |
| Physical state | Liquid. |
| Pressure | 50 - 65 psig @ 70F |
| Solubility | None |
| Specific gravity | 0.7456 estimated |

10. Chemical Stability & Reactivity Information

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|---|---|
| Chemical stability | Risk of ignition. Material is stable under normal conditions. |
| Conditions to avoid | Heat, flames and sparks. |
| Hazardous decomposition products | Irritants. Toxic gas. |

11. Toxicological Information

Acute effects Acute LD50: 2473 mg/kg estimated, Rat, Dermal

Component analysis - LD50

Toxicology Data - Selected LD50s and LC50s

| | | |
|-------------------------|-----------|--|
| 1,2,4-Trimethyl Benzene | 95-63-6 | Inhalation LC50 Rat 18 g/m ³ 4 h; Oral LD50 Rat 3400 mg/kg; Dermal LD50 Rabbit >3160 mg/kg |
| Cyclohexanone | 108-94-1 | Inhalation LC50 Rat 10.7 mg/L 4 h; Inhalation LC50 Rat 8000 ppm 4 h; Oral LD50 Rat 800 mg/kg; Dermal LD50 Rabbit 948 mg/kg |
| n-Butane | 106-97-8 | Inhalation LC50 Rat 658 mg/L 4 h |
| Propane | 74-98-6 | Inhalation LC50 Rat 658 mg/L 4 h |
| Xylene | 1330-20-7 | Inhalation LC50 Rat 5000 ppm 4 h; Inhalation LC50 Rat 47635 mg/L 4 h; Oral LD50 Rat 4300 mg/kg; Dermal LD50 Rabbit >1700 mg/kg |

Sensitization Not expected to be hazardous by OSHA criteria.

Reproductive effects Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

Teratogenicity Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Not expected to be hazardous by OSHA criteria.

12. Ecological Information

Ecotoxicity LC50 17.16 mg/L estimated, Fish, 96.00 Hours, EC50 10.84 mg/L estimated, Daphnia, 48.00 Hours, IC50 392 mg/L estimated, Algae, 72.00 Hours, Components of this product are hazardous to aquatic life.

13. Disposal Considerations

Waste codes D001: Waste Flammable material with a flash point <140 F

Disposal instructions Contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

14. Transport Information

Department of Transportation (DOT) Requirements

Basic shipping requirements:

| | |
|-------------------------|--------------------|
| Proper shipping name | Consumer commodity |
| Hazard class | ORM-D |
| Subsidiary hazard class | None |
| Additional information: | |
| Packaging exceptions | 156, 306 |
| Packaging non bulk | 156, 306 |
| Packaging bulk | None |

IMDG

Basic shipping requirements:

| | |
|-------------------------|----------|
| Proper shipping name | AEROSOLS |
| Hazard class | 2.1 |
| UN number | 1950 |
| Additional information: | |
| Packaging exceptions | LTD QTY |
| Item | 5F |
| Labels required | None |
| Transport Category | 2 |



IATA

Basic shipping requirements:

| | |
|-------------------------|---------------------|
| Proper shipping name | Aerosols, flammable |
| Hazard class | 2.1 |
| UN number | 1950 |
| Additional information: | |
| Packaging exceptions | LTD QTY |
| Labels required | 2.1 |



15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

| | | |
|-------------------------|-----------|--------------------------------|
| 1,2,4-Trimethyl Benzene | 95-63-6 | 1.0 % de minimis concentration |
| Xylene | 1330-20-7 | 1.0 % de minimis concentration |

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

Cyclohexanone: 5000.0000
Xylene: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | |
|---|--|
| Section 302 extremely hazardous substance | No |
| Section 311 hazardous chemical | Yes |
| Hazard categories (311/312) | Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No |

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of New and Existing Chemicals (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

WARNING: This product contains a chemical known to the State of California to cause cancer.

U.S. - Pennsylvania - RTK (Right to Know) List

| | | |
|-------------------------|-----------|----------------------|
| 1,2,4-Trimethyl Benzene | 95-63-6 | Environmental hazard |
| Cyclohexanone | 108-94-1 | Environmental hazard |
| n-Butane | 106-97-8 | Present |
| Propane | 74-98-6 | Present |
| Xylene | 1330-20-7 | Environmental hazard |

16. Other Information**Further information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1*
Flammability: 4
Physical hazard: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.

MSDS sections updated

This document has undergone significant changes and should be reviewed in its entirety.

Prepared by

Regulatory Compliance