

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory-Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

CHLORBRITE

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

NA = Not Applicable NIA = No Information Available

Manufacturer's Name

Sunburst Chemicals, Inc.

Emergency Telephone Number

1-866-303-6943 (7 days/24 hours)

Address (Number, Street, City, State, and ZIP Code)

220 W. 86th St.

Telephone Number For Information

(952)884-3144

Bloomington, MN 55420

Date Prepared

02/07/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | %(optional) |
|---|--------------------|--------------------|--------------------------|-------------|
| Sodium Hypochlorite Bleach | NIA | NIA | | 10-12 |
| Sodium Hydroxide | 2mg/m ³ | 2mg/m ³ | | 2 |
| | | Ceiling | | |

Section III - Physical/Chemical Characteristics

| | | | | |
|--|---------|--------|---------------------------------------|------|
| Boiling Point | Approx. | 212°F. | Specific Gravity (H ₂ O=1) | 1.13 |
| Vapor Pressure (mm Hg.) | | NA | Melting Point | NIA |
| Vapor Density (AIR=1) | | NA | Evaporation Rate (Butyl Acetate = 1) | NA |
| Solubility In Water Complete. | | | | |
| Appearance and Odor Clear yellow liquid, chlorine odor. | | | | |

Section IV - Fire and Explosion Hazard Data

| | | | |
|--|------------------|-----|-----|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| None. | | NA | NA |
| Extinguishing Media Water, CO ₂ , Dry chemical. | | | |
| Special Fire Fighting Procedures Flood containers with cool water to keep from rupturing. | | | |
| Unusual Fire and Explosion Hazards In extreme heat drums can rupture and chlorine gas may be evolved. | | | |

| HMIS | | NFPA | | | | | | |
|--------|----------------------|--------------------------|--|-----------------|--------------|-------------------------------|---|----------------------|
| HEALTH | HEALTH HAZARD | FIRE HAZARD Flash Points | | SPECIFIC HAZARD | | REACTIVITY | | |
| 2 | 4 Deadly | 4 | Below 73°F (Boiling pt. below 100°F) | Oxidizer | OX | 4 May detonate | | |
| 0 | 3 Extreme danger | 3 | Below 73°F (Boiling pt. at/above 100°F) | Acid | ACID | 3 Shock and heat may detonate | | |
| 1 | 2 Hazardous | | and/or at/above 73°F - not exceeding 100°F | Alkali | ALK | 2 Violent chemical change | | |
| C | 1 Slightly hazardous | 2 | Above 100°F, Not Exceeding 200°F | X | Corrosive | COR | X | 1 Unstable if heated |
| | 0 Normal material | 1 | Above 200°F | | Use NO WATER | | | 0 Stable |
| | | X | 0 Will not burn | | Radioactive | | | |

Fdrive/Pubs/MSDS-Sh/Laundry/Chlorbrite.doc

Section V - Reactivity Data

| | | | |
|-----------|----------|---|---------------------|
| Stability | Unstable | X | Conditions to Avoid |
| | Stable | | |

Incompatibility (*Materials to Avoid*)
Strong acids.

Hazardous Decomposition or Byproducts
Chlorine gas.

| | | | |
|--------------------------|----------------|---|---------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | |
|---------------------|---------------------------------------|----------------|--------------------------|
| Routes(s) of Entry: | Inhalation? Danger of chlorine gas | Skin? Minor | Ingestion? Not likely |
|---------------------|---------------------------------------|----------------|--------------------------|

Health Hazards (*Acute and Chronic*)

ACUTE - Skin & Eyes - burns, severe eye damage, blindness. INGESTION - poisoning, gastric distress. CHRONIC - NIA.

| | | | |
|------------------|-------------|-------------------------|------------------------|
| Carcinogenicity: | NTP? NIA | IARC Monographs? NIA | OSHA Regulated? NIA |
|------------------|-------------|-------------------------|------------------------|

Signs and Symptoms of Exposure

SKIN - warm sensation, white bubbles form. EYES - severe burning sensation.
INGESTION - severe pain in mouth and throat, choking.

Medical Conditions Generally Aggravated by Exposure

Open sores or wounds, chronic respiratory problems.

Emergency and First Aid Procedures

Immediately rinse with water for at least 15 minutes. If ingested drink a large volume of milk, raw eggs or water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Absorb spilled material with an absorbent material such as clay, sawdust, or sand. Sweep up as much of this as possible and place in a sealed, labeled container or in a proper landfill. Thoroughly rinse the affected area with water.

Waste Disposal Method

Spilled material should be collected as above for disposal in a landfill according to Federal, State, and Local regulations. Any rinsing of the affected area should also be in accordance with Federal, State and Local regulations.

Precautions to Be Taking in Handling and Storing

Avoid contact with skin or clothing. Store between 50-80°F. Keep tightly closed when not in use.

Other Precautions

Do not allow concentrated product to dry on cloth, paper or flammable material as fire may result.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

If chlorine gas is expected, use self contained breathing apparatus.

| | | |
|-------------|--------------------------------------|----------------|
| Ventilation | Local Exhaust NA | Special NIA |
| | Mechanical (<i>General</i>) NIA | Other NIA |

Protective Gloves

Rubber or vinyl recommended.

Eye Protection

Safety glasses, goggles recommended.

Other Protective Clothing or Equipment

Rubber or vinyl apron and boots.

Work/Hygienic Practices

Quickly and thoroughly clean up any spills.

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