

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) BREAK OUT | 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. 86 th St. Bloomington, MN 55420 | Telephone Number For Information (952) 884-3144 | Date Prepared 05-26-11 | 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 Hydroxide | 2mg ³ | 2mg/m ³ | Ceiling | |
| Sodium Metasilicate | 2mg/m ³ | TWA 2mg/m ³ | | |
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| Section III – Physical/Chemical Characteristics | | | |
|--|----|--|-----|
| Boiling Point | NA | Specific Gravity (H ₂ O= 1) | NA |
| Vapor Pressure (mm Hg.) | NA | Melting Point | NIA |
| Vapor Density (AIR= 1) | NA | Evaporation Rate (Butyl Acetate = 1) | NA |
| Solubility In Water Up to 20%. | | | |
| Appearance and Odor White granular powder, no odor. | | | |

| Section IV – Fire and Explosion Hazard Data | | | |
|---|------------------|-----------|-----------|
| Flash Point (Method Used) None. | Flammable Limits | LEL NA | UEL NA |
| Extinguishing Media Water, CO ₂ , Dry chemical. | | | |
| Special Fire Fighting Procedures Avoid contact, material is corrosive. | | | |
| Unusual Fire and Explosion Hazards None. | | | |

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

(CONTINUED) - BREAK OUT

Section V - Reactivity Data

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

Incompatibility (*Materials to Avoid*)
Strong acids.

Hazardous Decomposition or Byproducts
Exothermic reaction can cause boiling and spattering.

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

Section VI - Health Hazard Data

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|---------------------|---------------------|-------------------|--------------------------|
| Routes(s) of Entry: | Inhalation? Dust | Skin? Possible | Ingestion? Not Likely |
|---------------------|---------------------|-------------------|--------------------------|

Health Hazards (*Acute and Chronic*)
ACUTE - severe chemical burns to skin and eyes. INGESTION - poisoning.
CHRONIC - NIA.

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

Signs and Symptoms of Exposure
SKIN & EYES - reddening of tissue, burning sensation. INGESTION - bitter taste, burning of mouth and throat. - INTERNAL - sour taste, burning sensation in mouth and throat.

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. Get medical attention. If ingested drink a large volume of milk 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
Sweep up excess. Rinse thoroughly with water.

Waste Disposal Method
To sewer, with adequate rinsing, per Federal, State, and Local regulations.

Precautions to Be Taking in Handling and Storing
Keep tightly closed when not in use. Avoid contact. Do not breathe dust.

Other Precautions
Do not add directly to hot water, may boil and splatter corrosive solution. Keep out of reach of children.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)
3M particle mask, 5 micron.

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|-------------|--------------------------------------|----------------|
| 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 recommended.

Work/Hygienic Practices
If spilled on clothing remove and wash before reuse.