

# 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)  
ENCORE

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 Prepare  
05-26-11

Chemical Family  
Alkaline Detergent

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 Metasilicate

2mg/m<sup>3</sup> 2mg/m<sup>3</sup>

CAS#6834-92-0

Sodium Hydroxide

2 mg/m<sup>3</sup> 2 mg/m<sup>3</sup>

CAS#1310-73-2

PA: Identification of specific ingredients is being withheld as a trade secret.

NJ-TSRN 6160-5050

## Section III - Physical/Chemical Characteristics

|                         |      |  |         |
|-------------------------|------|--|---------|
| Boiling Point           | NA   | Specific Gravity (H <sub>2</sub> O= 1) | 1.80    |
| Vapor Pressure (mm Hg.) | NA   | Melting Point                          | 160° F. |
| Vapor Density (AIR= 1)  | NA   | Evaporation Rate (Butyl Acetate = 1)   | NA      |
| pH,1%                   | 11.7 | % Volatile, 1%                         | <20%    |

Solubility In Water

Completely soluble up to 10% W/W.

Appearance and Odor

Heavy pink solid with white granules, low odor.

## Section IV - Fire and Explosion Hazard Data

| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
|---------------------------|------------------|-----|-----|
| None.                     |                  | NA  | NA  |

Extinguishing Media

Water, CO<sub>2</sub>, Dry chemical.

Special Fire Fighting Procedures

No unusual hazards In extreme heat product and container may melt and spill.

Unusual Fire and Explosion Hazards

None.

| HMIS                  |                        | NFPA        |  |                 |                               |
|-----------------------|------------------------|-------------|--|-----------------|-------------------------------|
| 1 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 | 2 Hazardous            |             | and/or at/above 73° F - not exceeding 100° F | X Alkali ALK    | 2 Violent chemical change     |
|                       | X 1 Slightly hazardous | 2           | Above 100° F, Not Exceeding 200° F           | 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     |                               |

**Section V - Reactivity Data**

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

Incompatibility (*Materials to Avoid*)  
None.

Hazardous Decomposition or Byproducts  
None.

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

**Section VI - Health Hazard Data**

|                     |                   |                   |                        |
|---------------------|-------------------|-------------------|------------------------|
| Routes(s) of Entry: | Inhalation?<br>NO | Skin?<br>Possible | Ingestion?<br>Possible |
|---------------------|-------------------|-------------------|------------------------|

Health Hazards (*Acute and Chronic*)  
ACUTE - Encore and solutions are corrosive to skin and eyes, can cause poisoning if ingested. CHRONIC - dermatitis.

|                  |             |                         |                        |
|------------------|-------------|-------------------------|------------------------|
| Carcinogenicity: | NTP?<br>NIA | IARC Monographs?<br>NIA | OSHA Regulated?<br>NIA |
|------------------|-------------|-------------------------|------------------------|

Signs and Symptoms of Exposure  
Redness, burning sensation in eyes or skin. Bitter taste, nausea if ingested.

Medical Conditions Generally Aggravated by Exposure  
Open sores or wounds.

Emergency and First Aid Procedures  
Thoroughly rinse exposed areas for 15 minutes. Get medical attention for eyes.  
INTERNAL - drink a large quantity of milk or water. Get immediate medical attention.

**Section VII - Precautions for Safe Handling and Use**

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.

Precautions to Be Taking in Handling and Storing  
Avoid touching the contents of containers with exposed skin.

Other Precautions  
Use caution when changing empty containers to avoid spilling water from inside the container on exposed skin, eyes or clothing. Keep out of reach of children.

**Section VIII - Control Measures**

Respiratory Protection (*Specify Type*)  
Not required.

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

Protective Gloves  
Rubber or vinyl recommended.

Eye Protection  
Safety glasses, goggles recommended.

Other Protective Clothing or Equipment  
Not required.

Work/Hygienic Practices  
Always wash hands after handling.