

# 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)

EFFECTO

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

05-26-11

Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL  
% (optional)

ACGIH TLV

Other Limits  
Recommended

Sodium Hydroxide CAS #1310-73-2

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

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

Isopropanol CAS#67-63-0

400ppm TWA

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Ethylene Glycol Monobutyl Ether CAS#111-76-2

50ppm  
Skin

25ppm TWA  
Skin

## Section III - Physical/Chemical Characteristics

Boiling Point

Over

212°F.

Specific Gravity (H<sub>2</sub>O= 1)

1.10

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 green liquid, lemon odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None.

Flammable Limits

LEL

NA

UEL

NA

Extinguishing Media

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

Special Fire Fighting Procedures

None.

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 ( <i>Materials to Avoid</i> )<br>None. |                |   |                     |
| Hazardous Decomposition or Byproducts<br>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>NO             | Ingestion?<br>NO       |
| Health Hazards ( <i>Acute and Chronic</i> )<br>ACUTE - irritation to eyes and skin, distress to digestive tract, diarrhea.<br>CHRONIC - NIA.                                                                                             |                   |                         |                        |
| Carcinogenicity:                                                                                                                                                                                                                         | NTP?<br>NIA       | IARC Monographs?<br>NIA | OSHA Regulated?<br>NIA |
| Signs and Symptoms of Exposure<br>EXTERNAL - redness of skin or eyes, burning sensation. INTERNAL - foul taste, burning sensation in mouth and throat.                                                                                   |                   |                         |                        |
| Medical Conditions Generally Aggravated by Exposure<br>Open sores or wounds.                                                                                                                                                             |                   |                         |                        |
| Emergency and First Aid Procedures<br>EXTERNAL - thoroughly rinse with water for at least 15 minutes. Get medical attention if irritation persists. INTERNAL - drink a large quantity 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<br>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<br>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<br>Keep tightly closed when not in use.                                                                                                                                                                                                              |  |
| Other Precautions<br>Avoid contact of product (or its use solutions) with skin, eyes or clothing. Keep out of reach of children.                                                                                                                                                                      |  |

**Section VIII - Control Measures**

|                                                                 |                                                        |                |  |
|-----------------------------------------------------------------|--------------------------------------------------------|----------------|--|
| Respiratory Protection ( <i>Specify Type</i> )<br>Not required. |                                                        |                |  |
| Ventilation                                                     | Local Exhaust<br>NA                                    | Special<br>NIA |  |
|                                                                 | Mechanical ( <i>General</i> )<br>NIA                   | Other<br>NIA   |  |
| Protective Gloves<br>Rubber or vinyl recommended.               | Eye Protection<br>Safety glasses, goggles recommended. |                |  |
| Other Protective Clothing or Equipment<br>Not required.         |                                                        |                |  |
| Work/Hygienic Practices<br>Always wash hands after handling.    |                                                        |                |  |