

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

01-03-03

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)
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Sodium Metasilicate

2mg/m³

2mg/m³

CAS#6834-92-0

Sodium Hydroxide

2 mg/m³

2 mg/m³

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 (H₂O=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)

None.

Flammable Limits

LEL

NA

UEL

NA

Extinguishing Media

Water, CO₂, 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				
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
1	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	Alkali ALK	2 Violent chemical change
		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	0 Stable
			0	Will not burn	Radioactive	

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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? NO	Skin? Possible	Ingestion? Possible
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Health Hazards (*Acute and Chronic*)
ACUTE - Encore and solutions are corrosive to skin and eyes, can cause poisoning if ingested. CHRONIC - dermatitis.

Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
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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, raw eggs 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 NA	Special NIA
	Mechanical (<i>General</i>) NIA	Other NIA

Protective Gloves Rubber or vinyl recommended.	Eye Protection Safety glasses, goggles recommended.
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Other Protective Clothing or Equipment
Not required.

Work/Hygienic Practices
Always wash hands after handling.

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