

# 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)  
APPLAUSE

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.  Bloomington, MN 55420	Telephone Number For Information (952)884-3144
Chemical Family Alkaline Detergent	Date Prepared 01-03-03
	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 Hydroxide	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		
CAS #1310-73-2				
Sodium Silicate - CAS #1344-09-8	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		

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

NJ - TSNR 6135-5052

## Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H <sub>2</sub> 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 10%.	% Volatile 0%	pH,1%	12.5
Appearance and Odor White solid, odorless.			

## 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.			

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

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**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) 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? NO	Ingestion? NO
Health Hazards ( <i>Acute and Chronic</i> ) ACUTE - chemical burns, poisoning. CHRONIC - NIA			
Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
Signs and Symptoms of Exposure EXTERNAL - redness of skin or eyes, burning sensation of eyes, mouth or throat. INTERNAL - foul taste, burning sensation in mouth and throat.			
Medical Conditions Generally Aggravated by Exposure Open sores or wounds.			
Emergency and First Aid Procedures EXTERNAL - thoroughly rinse with water for at least 15 minutes. Get medical attention if irritation persists. INTERNAL - drink a large quantity 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 Collect and reuse if possible. Rinse spill area with water to prevent slippery conditions.
Waste Disposal Method Dispose of in manner approved by all Federal, State, and Local regulations.
Precautions to Be Taking in Handling and Storing Normal good housekeeping practices.
Other Precautions Keep out of the reach of children.

**Section VIII – Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) 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.	
Other Protective Clothing or Equipment Rubber apron recommended when changing empty jugs.		
Work/Hygienic Practices Always wash hands after handling.		