

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) MATRIX	<i>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.</i>
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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	
	Date Prepared 05-26-11	
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 CAS #6834-92-0	2mg/m ³	2mg/m ³		
Sodium Hydroxide - CAS #1310-73-2	2mg/m ³	2mg/m ³		
Sodium Dodecyl Benzenesulfonate - CAS #25155-30-0	NIA	NIA		
Ethylene Glycol Monobutyl Ether - CAS #111-76-2	50 ppm Skin	25 ppm Skin		
PA: Identification of specific ingredients is being withheld as a trade secret.				
NJ-TSRN: 7855-5004				

Contains Trisodium Nitritotriacetate, a component listed in California's Proposition 65.

Section III - Physical/Chemical Characteristics			
Boiling Point	NA	Specific Gravity (H ₂ O= 1)	1.60
Vapor Pressure (mm Hg.)	NA	Melting Point	140°F.
Vapor Density (AIR= 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
pH, %	12.3	% Volatile	< 10%
Solubility In Water Up to 20% W/W.			
Appearance and Odor Yellow solid mass, slight 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 None.			
Unusual Fire and Explosion Hazards None.			

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

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) Chlorine Bleach.			
Hazardous Decomposition or Byproducts Chlorine Gas.			
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? NO
Health Hazards (<i>Acute and Chronic</i>) ACUTE- irritation, redness of skin, chemical burns in eyes, gastric disorders if ingested. CHRONIC - NIA.			
Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
Signs and Symptoms of Exposure SKIN - slippery feeling on skin, chapped, dry skin. EYES - burning sensation, redness. INGESTION - bitter taste, burning sensation in throat or mouth.			
Medical Conditions Generally Aggravated by Exposure Open sores or skin 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 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 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>) None.		
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 Not required.		
Work/Hygienic Practices Always wash hands after handling product or changing capsules.		