

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)
SUN BRITE

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.
Address (Number, Street, City, State, and ZIP Code)
220 W. 86th Street
Bloomington, MN 55420

Emergency Telephone Number
1-866-303-6943 (7 days/24 hours)
Telephone Number For Information
(952) 884-3144
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	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Hypochlorite - CAS #7681-52-9	0.5 ppm TWA	1 ppm TWA		
Sodium Hydroxide	1310-73-2	2 mg/m ³	2mg/m ³	
		Ceiling		

Section III - Physical/Chemical Characteristics

Boiling Point	212°F.	Specific Gravity (H ₂ O= 1)	1.08
Vapor Pressure (mm Hg.)	NIA	Melting Point	NA
Vapor Density (AIR= 1)	NIA	Evaporation Rate (Butyl Acetate = 1)	NIA
Solubility In Water Complete.		pH	12.7
Appearance and Odor Clear yellow liquid, chlorine 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 Flood containers with cool water to keep from rupturing.			
Unusual Fire and Explosion Hazards In extreme heat drums can rupture and chlorine gas may be evolved.			

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

Section V - Reactivity Data

Stability	Unstable	X	Conditions to Avoid Heat, acids, ammonia.
	Stable		
Incompatibility (<i>Materials to Avoid</i>) Strong acids, ammonia.			
Hazardous Decomposition or Byproducts Chlorine gas, chloramines.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Routes(s) of Entry:	Inhalation? Danger of Chlorine gas	Skin? Minor	Ingestion? Not Likely
Health Hazards (<i>Acute and Chronic</i>) ACUTE - Skin & Eyes - burns, severe eye damage, blindness. <u>INGESTION</u> - poisoning, gastric distress. CHRONIC - NIA.			
Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
Signs and Symptoms of Exposure SKIN - warm sensation, white bubbles form. EYES - severe burning sensation. <u>INGESTION</u> - severe pain in mouth and throat, choking.			
Medical Conditions Generally Aggravated by Exposure Open sores or wounds, chronic respiratory problems.			

Emergency and First Aid Procedures

EXTERNAL - thoroughly rinse with water for at least 15 minutes. Get immediate 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**

Absorb spilled material with an absorbent material such as clay, 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. 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

Avoid contact with skin or clothing. Store between 50-80°F. Keep tightly closed when not in use.

Other Precautions

Do not allow concentrated product to dry on cloth, paper or flammable material as fire may result. Keep out of reach of children.

Section VIII - Control Measures**Respiratory Protection (*Specify Type*)**

If chlorine gas is expected use self contained breathing apparatus.

Ventilation	Local Exhaust Use in well ventilated areas.	Special NIA
	Mechanical (<i>General</i>) NIA	Other NIA
Protective Gloves Rubber or vinyl.		Eye Protection Safety glasses, goggles.
Other Protective Clothing or Equipment Rubber or vinyl apron or boots.		
Work/Hygienic Practices Quickly and thoroughly clean up any spills. Always wash hands after handling.		