

# 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)

CHLORBRITE

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

02/07/03

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 Hypochlorite Bleach	NIA	NIA		10-12
Sodium Hydroxide	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		2
		Ceiling		

## Section III - Physical/Chemical Characteristics

Boiling Point	Approx.	212°F.	Specific Gravity (H <sub>2</sub> O=1)	1.13
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 yellow liquid, chlorine odor.			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None.		NA	NA
Extinguishing Media	Water, CO <sub>2</sub> , 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			
HEALTH	HEALTH HAZARD	FIRE HAZARD	Flash Points	SPECIFIC HAZARD	REACTIVITY
2	4 Deadly	4	Below 73°F (Boiling pt. below 100°F)	Oxidizer OX	4 May detonate
0	3 Extreme danger	3	Below 73°F (Boiling pt. at/above 100°F)	Acid ACID	3 Shock and heat may detonate
1	2 Hazardous		and/or at/above 73°F - not exceeding 100°F	Alkali ALK	2 Violent chemical change
C	1 Slightly hazardous	2	Above 100°F, Not Exceeding 200°F	X Corrosive COR	X 1 Unstable if heated
	0 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**

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Stability	Unstable	X	Conditions to Avoid
	Stable		

Incompatibility (*Materials to Avoid*)  
Strong acids.

Hazardous Decomposition or Byproducts  
Chlorine gas.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

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**Section VI - Health Hazard Data**

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Routes(s) of Entry:	Inhalation? Danger of chlorine gas	Skin? Minor	Ingestion? Not likely
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Health Hazards (*Acute and Chronic*)

ACUTE - Skin & Eyes - burns, severe eye damage, blindness. INGESTION - poisoning, gastric distress. CHRONIC - NIA.

Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
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Signs and Symptoms of Exposure

SKIN - warm sensation, white bubbles form. EYES - severe burning sensation. INGESTION - 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

Immediately rinse with water for at least 15 minutes. If ingested drink a large volume of milk, raw eggs or water. Get immediate medical attention.

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**Section VII - Precautions for Safe Handling and Use**

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Steps to Be Taken in Case Material is Released or Spilled

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. 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.

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**Section VIII - Control Measures**

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Respiratory Protection (*Specify Type*)

If chlorine gas is expected, use self contained breathing apparatus.

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

Rubber or vinyl apron and boots.

Work/Hygienic Practices

Quickly and thoroughly clean up any spills.

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