

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)

CONCLUDE

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

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)
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Citric

NIA

NIA

CAS #77-92-9

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

NJ-TSRN: 7880-5010

Section III - Physical/Chemical Characteristics

Boiling Point	Above 200 °F.	Specific Gravity (H ₂ O= 1)	1.200
Vapor Pressure (mm Hg.)	NIA	Melting Point	140-160 °F.
Vapor Density (AIR= 1)	NIA	Evaporation Rate (Butyl Acetate = 1)	NA

Solubility In Water
Moderate.

Appearance and Odor

Blue, waxy solid pleasant odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NIA	Flammable Limits	LEL NA	UEL NA
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Extinguishing Media

Water, CO₂, Dry chemical.

Special Fire Fighting Procedures

None.

Unusual Fire and Explosion Hazards

None.

HMIS		NFPA				
<u>1</u>	HEALTH	HEALTH HAZARD	FIRE HAZARD	Flash Points	SPECIFIC HAZARD	REACTIVITY
<u>0</u>	FLAMMABILITY	4 Deadly	4	Below 73° F (Boiling pt. below 100° F)	Oxidizer OX	4 May detonate
<u>0</u>	REACTIVITY	3 Extreme danger	3	Below 73° F (Boiling pt. at/above 100° F)	X Acid ACID	3 Shock and heat may detonate
<u>A</u>	PERSONAL PROTECTION	2 Hazardous		And/or at/above 73° F - not exceeding 100° F	Alkali ALK	2 Violent chemical change
		X 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	X 0 Stable
			X	0 Will not burn	Radioactive	

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?	Skin?	Ingestion?
	NO	NO	NO
Health Hazards (<i>Acute and Chronic</i>) ACUTE - skin irritation, redness. <u>EYES</u> - burning sensation, irritation. INGESTION - gastric disorder.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NIA	NIA	NIA
Signs and Symptoms of Exposure <u>EXTERNAL</u> - redness, irritation of skin or eyes. <u>INTERNAL</u> - sour taste, burning sensation in mouth and throat.			
Medical Conditions Generally Aggravated by Exposure Open sores or wounds.			
Emergency and First Aid Procedures <u>EXTERNAL</u> - thoroughly wash with water for 15 minutes. Get medical attention if eye irritation persists. <u>INTERNAL</u> - 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 Taken 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 all chemical products.		