

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) LIME OUT	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.
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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.	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)
Citric Acid	NIA	NIA		

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O= 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR= 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility In Water Complete.			
Appearance and Odor White crystalline powder, sugar 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 Do not wet fiber drums, may weaken and burst.			
Unusual Fire and Explosion Hazards May ignite in conditions of extreme heat.			

HMIS	NFPA				
1 HEALTH	HEALTH HAZARD	FIRE HAZARD	Flash Points	SPECIFIC HAZARD	REACTIVITY
0 FLAMMABILITY	4 Deadly	4	Below 73° F (Boiling pt. Below 100° F)	Oxidizer OX	4 May detonate
0 REACTIVITY	3 Extreme danger	3	Below 73° F (Boiling pt. at/above 100° F)	X Acid ACID	3 Shock and heat may detonate
B 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 (*Materials to Avoid*)
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? Dust	Skin? NO	Ingestion? Not Likely
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Health Hazards (*Acute and Chronic*)
ACUTE - poisoning, chemical burns. CHRONIC - NIA.

Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
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Signs and Symptoms of Exposure
Burns to skin and eyes. Sour taste, burns to mouth, throat and stomach.

Medical Conditions Generally Aggravated by Exposure
Open sores or wounds.

Emergency and First Aid Procedures
EXTERNAL - quickly rinse with large amounts of water. 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
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
Store in a cool dry place.

Other Precautions
Strong acid. Keep out of reach of children.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)
3M particle mask, 5 micron for dust if irritation is present.

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 recommended.

Work/Hygienic Practices
Always wash hands after handling.