

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 REMOVER PLUS

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

01-15-03

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)
Phosphoric Acid	1 ppm	NIA		
Nitric Acid	NIA	NIA		

Section III – Physical/Chemical Characteristics

Boiling Point	Over 212°F.	Specific Gravity (H ₂ O=1)	1.15
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

Pale blue liquid, odorless.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None.		NA	NA

Extinguishing Media

Water, CO₂, Dry chemical.

Special Fire Fighting Procedures

Spray containers with water to keep cool.

Unusual Fire and Explosion Hazards

Extreme heat may rupture containers, spilling corrosive contents.

HMIS		NFPA			
2 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
C PERSONAL PROTECTION	2 Hazardous		and/or at/above 73°F – not exceeding 100°F	Alkali ALK	2 Violent chemical change
	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
		0	Will not burn	Radioactive	

Fdrive/Pubs/MSDS_Sht/Cleaners/LimeRemoverPlus.doc

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? NO	Skin? NO	Ingestion? NO
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Health Hazards (*Acute and Chronic*)
SKIN - skin burns, severe eye injury, blindness, severe gastrointestinal disorder if ingested. CHRONIC - NIA.

Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
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Signs and Symptoms of Exposure
Redness of skin, burning in eyes, sour taste.

Medical Conditions Generally Aggravated by Exposure

Open sores or wounds.

Emergency and First Aid Procedures

EXTERNAL - thoroughly rinse with water for at least 15 minutes. Get medical attention if irritation persists.

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

Keep tightly closed when not in use.

Other Precautions

Corrosive acid, avoid contact with skin or eyes.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

Not required.

Ventilation	Local Exhaust NA	Special NIA
	Mechanical (<i>General</i>) NIA	Other NIA

Protective Gloves

Rubber for handling product.

Eye Protection

Safety glasses recommended when handling product use solutions.

Other Protective Clothing or Equipment

Not required.

Work/Hygienic Practices

Always wash hands after handling.