

MSDS - Material Safety Data Sheet

Product Name: SUB-LIME

MSDS No.: G186

I. Basic Information:

Manufacturer: GIFFIN BROS. Inc.

Address: P.O Box 42194

Emergency / Information 800-456-4743

City, ST Zip: PORTLAND, OR 97242

Last Update: 6/ 2/98

Chemical State: Liquid Gas Solid

24 Hour Emergency CHEMTREC 800-424-9300

Chemical Type: Pure Mixture

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB	Z 313	SARA OSHA PEL	ACGIH TLV	Other Limits
67630	Isopropanol						X	400ppm	400ppm	500ppm
144627	Oxalic acid							1	1	
6841254	Polyethoxynonylphenoxy ethanol							none	none	none
7664382	Phosphoric acid						X	1	1	
79141	Hydroxyacetic acid							none	none	none

Hazardous Identification:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

IV. First Aid Measures:

Route(s) of Entry:

Eyes, Skin. Ingestion.

Health Hazards (Acute and Chronic):

Eyes-Irritation./Skin-Irritation./Ingestion-burning sensation in mouth, throat and abdomen.

Signs and Symptoms:

Eyes-Redness, Irritation./Skin-Irritation./Ingestion-burning sensation in mouth,throat and abdomen.

Medical Conditions Generally Aggravated by Exposure:

Dermatitis.

Emergency and First Aid Procedures:

Eyes-Rinse with water for 15 minutes. Call a physician if irritation persists./Skin Rinse with plenty of water./Ingestion-Drink lots of water. Call a physician.

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V. Fire Fighting Measures:

Flash Point: n/a Lower Explosive Limit: n/a Upper Explosive Limit: n/a

Fire Extinguishing Media: n/a

Special Fire Fighting Procedures:
n/aUnusual Fire and Explosion:
n/a**VI. Accidental Release Measures:**Steps to be Taken in Case Material is Released or Spilled:
Mop up and rinse.**VII. Handling and Storage:****Precautions to be Taken:**

Avoid storing below 32F and over 100F. Avoid contact with meals. Don't mix in metal buckets or use metal tools.

Other Precautions:**VIII. Exposure Controls/Personal Protection:****Ventilation Requirements:**
None needed.**Personal Protective Equipment:**

Rubber gloves. Safety glasses if contact likely.

IX. Physical and Chemical Properties:

Boiling Point:	220F	Specific Gravity (H ₂ O = 1)	1.10	Melting Point:	n/a	Evaporation Rate:	1
Vapor Pressure (mm Hg.):	4mm	Vapor Density (AIR = 1):	n/a				
Solubility In Water:	94.6%						
Appearance and Odor:	Translucent white viscous. Cherry.						

X. Stability and Reactivity:**Stability:**
Stable**Incompatibility (Materials to Avoid):**
Alkalies and amines.**Decomposition/By Products:**
none known.**Hazardous Polymerization:**
will not occur.**XIII. Disposal Considerations:**

Dispose of according to Federal, State or Local regulations.