

Material Safety Data Sheet

EMERGENCY PHONE NUMBERS

BUTLER CHEMICALS INC.
(714)630-7625

INFOTRAC
800-535-5053

HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT

HEALTH	2
FIRE	0
REACTIVITY	2
SPECIAL	C

I. General Information

SOLD BY BUTLER CHEMICALS INC. 1283 N. GROVE ST ANAHEIM, CA. 92806	Trade Name & Synonyms D- LIME
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DOT Hazard Classification CORROSIVE LIQUID	Chemical Family MIXTURE
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Proper DOT Shipping Name
Corrosive Liquid, (PHOSPHORIC ACID), 8, UN1760, PGII

Prepared By Date	ERIC POE 5/9/2003	LEGEND:	N/E Not Established N/A Not Applicable
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II Ingredients

Hazardous Components	CAS Number	Percent	PEL	TLV
PHOSPHORIC ACID	7664-38-2	T/S	2PPM	2PPM

III. Physical Data

Boiling Point(F) 212 degrees F.	Specific Gravity(H2O=1) 1.08
Vapor Pressure(mm Hg) N/E	Percent Volatile 50%
Vapor Density(Air=1) N/E	Evaporation Rate 1.25
Solubility in Water COMPLETE	Reactivity in Water NONE
Appearance & Odor clear green liquid/ acidic odor	ph <1

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) >200 DEG. F (TAG CLOSED CUP)	Flammable Limits Auto Ignition Temperature	UEL	LEL
Extinguishing Media			
<input type="checkbox"/> FOAM	<input checked="" type="checkbox"/> CO 2	<input checked="" type="checkbox"/> WATER SPRAY	<input type="checkbox"/> NOT APPLICABLE
<input type="checkbox"/> ALCOHOL FOAM	<input type="checkbox"/> DRY CHEMICAL	<input checked="" type="checkbox"/> WATER	<input type="checkbox"/> OTHER

Special Fire Fighting Procedures
NONE, MATERIAL IS NOT FLAMABLE

Unusual Fire & Explosion Hazards
NONE

V. Health Hazard Data			
Threshold Limit Value of Product		Carcinogen	
N/A		NONE LISTED	
Symptoms Of Exposure And Routes Of Entry			
EYES: PRODUCT IS DESTRUCTIVE OF EYE TISSUE			
SKIN: PRODUCT IS DESTRUCTIVE TO TISSUE. WILL CAUSE BURNS.			
INHALATION: PRODUCT IS DESTRUCTIVE TO NASAL AND RESPIRATORY TRACT.			
INGESTION: RESULTS IN SEVER DAMAGE TO MUCOUS MEMBRANES AND DEEP TISSUE.			
FIRST AID			
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. CONSULT A PHYSICIAN.			
SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING AND FOOT WEAR SEEK MEDICAL ATTENTION.			
INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR. SEEK MEDICAL ATTENTION.			
INGESTION: <u>DO NOT INDUCE VOMITING.</u> GIVE LARGE QUANTITIES OF WATER OR MILK. CONSULT A PHYSICIAN IMMEDIATELY.			
VI. Reactivity Data			
Stability		Unstable	conditions to avoid: excessive heat, direct sunlight, and moisture
	X	Stable	
Incompatibility		Materials To Avoid	
		Reacts vigorously with alkalis, producing heat. Reacts	
Hazardous		May Occur	with many metals producing hydrogen gas.
Polymerization	X	Will Not Occur	
Hazardous Decomposition Products			
NONE			
VII. Environmental Protection Procedures			
Spill Response			
small spills: mop area and flush into industrial sewage line. Prevent from entering storm drains.			
LARGE SPILLS: DIKE AREA USING PROTECTIVE CLOTHING. TRANSFER TO APPROVED CONTAINERS FOR DISPOSAL.			
Waste Disposal Method			
CONTAMINATED MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH ALL STATE, LOCAL &			
FEDERAL REGULATIONS.			
VIII. Special Protection Information			
Eye Protection		Skin Protection	
SAFETY GOGGLES RECOMMENDED		RUBBER GLOVES RECOMMENDED	
Respiratory Protection(Specific Type)		Ventilation Recommended	
NONE		LOCAL EXHAUST.	
Other Protection			
NONE			
IX. Special Precautions			
Hygienic Practices In Handling & Storage			
WASH HANDS AFTER USE. KEEP CONTAINER CLOSED KEEP FROM FREEZING.			
Other Precautions			
NONE			
Disposal Of Empty Containers			
DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL, & FEDERAL REGULATIONS.			
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