

# Material Safety Data Sheet

## EMERGENCY PHONE NUMBERS

BUTLER CHEMICAL INC.  
(714) 630-7625

INFOTRAC  
(800) 535-5053

## HAZARD RATING

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

FIRE 2  
TOXICITY 0  
HEALTH 2  
PRESONAL C  
PROTECTION

## I. General Information

SOLD BY	Trade Name & Synonyms
BUTLER CHEMICAL INC. 1283 N. GROVE ST ANAHEIM, CA 92806	D-LIME
DOT Hazard Classification	Chemical Family
CORROSIVE LIQUID	MIXTURE
Proper DOT Shipping Name	
CORROSIVE LIQUID (PHOSPHORIC ACID SOLUTION) CLASS 8, UN1805, PGIII	
Prepared By	LEGEND:
R Diosdado	N/E Not Established
Date	T/S TRADE SECRET N/A Not Applicable
12/8/2009	

## II Ingredients

Hazardous Components	CAS Number	Percent	PEL	TLV
PHOSPHORIC ACID	7664-38-2	T/S	2PPM	2PPM
HYDROCHLORIC ACID	7647-01-0	T/S	5PPM	2PPM

## III. Physical Data

Boiling Point(C)	Specific Gravity(H2O=1)
212 DEGREES F.	1.08
Vapor Pressure(mm Hg)	Percent Volatile
N/A	50%
Vapor Density(Air=1)	Evaporation Rate (N-Butyl Acetate) =1)
N/A	1.25
Solubility in Water	Reactivity in Water
COMPLETE	NONE
Appearance & Odor	pH
CLEAR GREEN LIQUID/ACIDIC ODOR	<1

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
>200 DEG. F. (TAG CLOSED CUP)	Auto Ignition Temperature	NON-FLAMMABLE	
Extinguishing Media			
<input type="checkbox"/> FOAM	<input checked="" type="checkbox"/> CO 2	<input type="checkbox"/> WATER SPRAY	<input checked="" type="checkbox"/> NOT APPLICABLE
<input type="checkbox"/> ALCOHOL FOAM	<input type="checkbox"/> DRY CHEMICAL	<input type="checkbox"/> WATER	<input type="checkbox"/> OTHER
Special Fire Fighting Procedures			
NONE, MATERIAL IS NOT FLAMMABLE			
Unusual Fire & Explosion Hazards			
NONE			

V. Health Hazard Data				
Threshold Limit Value of Product N/A	OSHA TEV	ACGTH	TLV	Carcinogen NON 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.				
<b>FIRST AID</b>				
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 alkalies, producing heat, Reacts		
Hazardous		May Occur	Conditions to Avoid With many metals producing hydrorgen gas.	
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NONE				
VII. Environmental Protection Procedures				
Spill Response				
SMALL SPILLS: Mop area and flush 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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