

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	1
SPECIAL	B

I. General Information

SOLD BY	Trade Name & Synonyms		
BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806	BC 2000		
DOT Hazard Classification	Chemical Family		
CORROSIVE LIQUID	MIXTURE		
Proper DOT Shipping Name			
CORROSIVE LIQUID (POTASSIUM HYDROXIDE), SOLUTION, 8, UN1760, PGII			
Prepared By	ERIC POE	LEGEND:	N/E Not Established
Date	5/8/2003		N/A Not Applicable

II Ingredients

Hazardous Components	CAS Number	Percent	ACGTH	TLV
POTASSIUM HYDROXIDE	1310-58-3	<19%	2 mg/m ³	

III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
APRX 212 DEGREES F	APRX 1.3
Vapor Pressure(mm Hg)	Percent Volatile
N/E	N/A
Vapor Density(Air=1)	Evaporation Rate (_____ =1)
N/E	N/A
Solubility in Water	Reactivity in Water
COMPLETE	NONE
Appearance & Odor	pH
RED LIQUID WITH NO ODOR	APRX 12.1

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature		
Extinguishing Media			
<input checked="" 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 checked="" 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	
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 CONTACT WITH STRONG MINERAL ACIDS, METALS AMPHOTERIC METALS: STRONG ACIDS
	X	Stable	
Incompatibility		Materials To Avoid AMPHOTERIC METALS: STRONG ACIDS	
Hazardous		May Occur	
Polymerization	X	Will Not Occur	
Hazardous Decomposition Products NONE			
VII. Environmental Protection Procedures			
Spill Response			
SMALL SPILLS: ABSORB ON SAND OR OTHER ABSORBENT.			
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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