

# 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	C

### I. General Information

SOLD BY	Trade Name & Synonyms		
BUTLER CHEMICALS 1283 N. GROVE ST. ANAHEIM, CA 92806	OVEN CLING QUARTS BOTTLES		
DOT Hazard Classification	Chemical Family		
CORROSIVE LIQUID	MIXTURE		
Proper DOT Shipping Name			
ORMD-CONSUMER COMMODITY			
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	24.00%	2PPM	2PPM
GLYCOL ETHER EB	111-76-2	6.00%	100PPM	100PPM

### III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
APRX 212 DEGREES F	1.2
Vapor Pressure(mm Hg)	Percent Volatile
N/E	71.00%
Vapor Density(Air=1)	Evaporation Rate ( _____ =1)
N/E	N/A
Solubility in Water	Reactivity in Water
COMPLETE	NONE
Appearance & Odor	PH
YELLOW CLEAR LIQUID/BLAND ODOR	13.2

### IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature		
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	OSHA TEV	ACGTH	TLV	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.				
<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 CONTACT WITH STRONG MINERAL ACIDS, METALS AMPHOTERIC METALS: STRONG ACIDS	
	X	Stable		
Incompatibility		Materials To Avoid AMPHOTERIC METALS: STRONG ACIDS		
Hazardous		May Occur	Conditions to Avoid N/A	
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NONE				
VII. Environmental Protection Procedures				
Spill Response				
SMALL SPILLS: ABSORB WITH 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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