

# Material Safety Data Sheet

<b>EMERGENCY PHONE NUMBERS</b>	<b>HAZARD RATING</b>	<b>FIRE</b>	<b>1</b>
BUTLER CHEMICALS INC. 714-630-7625	4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	<b>TOXICITY</b>	<b>0</b>
INFOTRAC 800-535-5053		<b>REACTIVITY</b>	<b>0</b>
		<b>SPECIAL</b>	<b>B</b>

## I. General Information

<b>SOLD BY</b>	<b>Trade Name &amp; Synonyms</b>		
BUTLER CHEMICALS INC. 1283 N. GROVE ST ANAHEIM, CA. 92806	RELEASE		
<b>DOT Hazard Classification</b>	<b>Chemical Family</b>		
NONE	MIXTURE		
<b>Proper DOT Shipping Name</b>			
N/A			
<b>Prepared By</b>	ERIC POE	<b>LEGEND:</b>	N/E Not Established
<b>Date</b>	5/9/2003		N/A Not Applicable

## II Ingredients

Hazardous Components	CAS Number	Percent	ACGTH	TLV
NONE				

## III. Physical Data

<b>Boiling Point(F)</b>	<b>Specific Gravity(H2O=1)</b>
APRX 212 DEGREES F	1.032
<b>Vapor Pressure(mm Hg)</b>	<b>Percent Volatile</b>
N/E	N/A
<b>Vapor Density(Air=1)</b>	<b>Evaporation Rate ( _____ =1)</b>
N/E	N/A
<b>Solubility in Water</b>	<b>Reactivity in Water</b>
COMPLETE	NONE
<b>Appearance &amp; Odor</b>	<b>PH</b>
CLEAR THICK LIQUID / BLAND ODOR	APRX. 7-8 OF 1% SOLUTION

## IV. Fire & Explosion Hazard Data

<b>Flash Point (Test Method)</b>	<b>Flammable Limits</b>	<b>UEL</b>	<b>LEL</b>
N/A	AUTO IGNITION TEMPERATURE		
<b>Extinguishing Media</b>			
<input type="checkbox"/> FOAM	<input 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
<b>Special Fire Fighting Procedures</b>			
NONE, MATERIAL IS NOT FLAMABLE			
<b>Unusual Fire &amp; Explosion Hazards</b>			
NONE			

V. Health Hazard Data				
Threshold Limit Value of Product N/A	OSHA TEV	ACGTH	TLV	Carcinogen NONE
Symptoms Of Exposure And Routes Of Entry				
EYES: PRODUCT IS IRRITATING TO EYE TISSUE.				
SKIN: PRODUCT IS IRRITATING TO TISSUE.				
INHALATION: MAY CAUSE DAMAGE TO RESPIRATORY TRACT.				
INGESTION: CAN CAUSE BURNS OF MUCOUS MEMBRANES.				
<b>FIRST AID</b>				
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. CONSULT PHYSICIAN.				
SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR.				
INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR, SEEK MEDICAL ADVICE.				
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 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 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. STORE IN COOL, DRY PLACE.				
Other Protection				
NONE				
Disposal Of Empty Containers				
DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL, & FEDERAL REGULATIONS.				
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