

# Material Safety Data Sheet

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

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

## II Ingredients

Hazardous Components	CAS Number	Percent	P.E.L.	TLV
SODIUM METASILICATE	6834-92-0	<8	NONE	NONE
SODIUM NITRITE	7632-00-0	<1	10(AS DUST)	15(AS DUST)
ETHYLENE GLYCOL-MONOBUTYL ETHER	111-76-2	<5	25ppm	50ppm

## III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
N/E	1.07
Vapor Pressure(mm Hg)	Percent Volatile
N/E	APPOX 5%
Vapor Density(Air=1)	Evaporation Rate ( _____ =1)
N/E	N/E
Solubility in Water	Reactivity in Water
COMPLETE	NONE
Appearance & Odor	PH 10.5
CLEAR PURPLE	

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/E	AUTO IGNITION TEMPERATURE		
Extinguishing Media			
<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
Special Fire Fighting Procedures			
NONE, MATERIAL IS NOT FLAMABLE			
Unusual Fire & Explosion Hazards			
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 EXCESSIVE HEAT,SUNLIGHT, MOISTURE	
	X	Stable		
Incompatibility		Materials To Avoid AMPHOTERIC METALS: STRONG ACIDS		
Hazardous		May Occur		
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NONE KNOWN				
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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