

# Material Safety Data Sheet

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

SOLD BY	Trade Name & Synonyms		
BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806	MATRIX		
DOT Hazard Classification corrosive	Chemical Family MIXTURE		
Proper DOT Shipping Name Corrosive solid, basic inorganic, NOS, (Sodium Hydroxide) UN 3262, PGII			
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		2mg/m3	2mg/m3
SODIUM HYDROXIDE	1310-73-2		N/E	N/E
SODIUM DODECYLBENZESULFONATE	25155-30-0		N/E	N/E
Ethylene glycol monobutyl ether	111-76-2		50 ppm skin	25ppm skin
PA: Identification of specific ingredients is being withheld as a trade secret.				
NJ - TSNR 7855-5004				

## III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
212 DEGREES	1.6
Vapor Pressure(mm Hg)	Percent Volatile
N/A	<10
Vapor Density(Air=1)	Evaporation Rate ( _____ =1)
N/A	N/A
Solubility in Water	Melting Point
UP TO 20% W/W	130-140 degrees F.
Appearance & Odor	PH
ORANGE WAXY SOLID/SWEET ODOR	12.3

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A			
Extinguishing Media			
<input type="checkbox"/> FOAM	<input checked="" type="checkbox"/> CO 2	<input 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  
**MATERIAL 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	
	X	Stable		
Incompatibility		Materials To Avoid OTHER CHEMICALS		
Hazardous		May Occur	Conditions to Avoid NONE	
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NONE				
VII. Environmental Protection Procedures				
Spill Response COLLECT AND REUSE IF POSSIBLE. RINSE SPILL AREA WITH WATER TO PREVENT SLIPPERY CONDITIONS.				
Waste Disposal Method DISPOSE OF ACCORDANCE WITH ALL STATE, LOCAL & FEDERAL REGULATIONS				
VIII. Special Protection Information				
Eye Protection SAFETY GOGGLES RECOMMENDED		Skin Protection NONE		
Respiratory Protection(Specific Type) NONE		Ventilation Recommended 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 STATE, LOCAL, & FEDERAL REGULATIONS.				
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