

# 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	HEALTH <u>1</u> FIRE <u>0</u> REACTIVITY <u>1</u> SPECIAL <u>B</u>
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## I. General Information

<b>SOLD BY</b> BUTLER CHEMICALS 1283 N. GROVE ST. ANAHEIM, CA. 92806	<b>Trade Name &amp; Synonyms</b> DISH SHEEN
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<b>DOT Hazard Classification</b> CORROSIVE LIQUID	<b>Chemical Family</b> MIXTURE
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<b>Proper DOT Shipping Name</b> CORROSIVE LIQUID N.O.S.(POTASSIUM HYDROXIDE),8, UN1760, PGII
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<b>Prepared By</b> ERIC POE	<b>LEGEND:</b> N/E Not Established N/A Not Applicable
<b>Date</b> 5/9/2003	

## II Ingredients

Hazardous Components	CAS Number	Percent	ACGTH	TLV
POTASSIUM HYDROXIDE	1310-58-3	<12	N/E	2 MG/M3

## III. Physical Data

<b>Boiling Point(C)</b> APRX 133 DEGREES C	<b>Specific Gravity(H2O=1)</b> 1.173
<b>Vapor Pressure(mm Hg)</b> N/A	<b>Percent Volatile</b> N/A
<b>Vapor Density(Air=1)</b> N/A	<b>Evaporation Rate ( _____ =1)</b> N/A
<b>Solubility in Water</b> COMPLETE	<b>Reactivity in Water</b> NONE
<b>Appearance &amp; Odor</b> CLEAR GREY/BLAND ODOR	<b>Ph</b> approx 12.1

## IV. Fire & Explosion Hazard Data

<b>Flash Point (Test Method)</b> NONE	<b>Flammable Limits</b> Auto Ignition Temperature	<b>UEL</b>	<b>LEL</b> NON-FLAMMABLE
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<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 FLAMMABLE
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<b>Unusual Fire &amp; Explosion Hazards</b> NONE
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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		
	X	Stable		
Incompatibility		Materials To Avoid		
		AMPHOTERIC METALS: STRONG ACIDS		
Hazardous		May Occur	Conditions to Avoid	
Polymerization	X	Will Not Occur		
		KEEP CONTAINERS OUT OF DIRECT SUNLIGHT, EXCESSIVE HEAT.		
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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