

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 <u>2</u> FIRE <u>0</u> REACTIVITY <u>1</u> SPECIAL <u>C</u>
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I. General Information

SOLD BY BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806	Trade Name & Synonyms <p style="text-align: center;">HOT SHOT</p>
DOT Hazard Classification CORROSIVE	Chemical Family MIXTURE
Proper DOT Shipping Name SODIUM HYDROXIDE, MIXTURE, 8, UN1823, PGII	
Prepared By Date	ERIC POE 5/9/2003
LEGEND:	N/E Not Established N/A Not Applicable

II Ingredients

Hazardous Components	CAS Number	Percent	PEL	TLV
SODIUM HYDROXIDE (NaOH)	1310-73-2	<45	2PPM	NONE
SODIUM METASILICATE ANHYDROUS	6834-92-0	<25	NONE	NONE
SODIUM DODECYLBENZENE SULFANATE	25155-30-0	<2%	NONE	NONE
ETHOXYLATED NONYLPHENOL	68412-54-4	<4%	NONE	NONE
SODIUM TRIPOLY PHOSPHATE	7758-29-4	<35%	15MG/M3	10MG/M3
SODIUM CARBOXYMETHYL CELLULOSE		<3	NONE	NONE

III. Physical Data

Boiling Point(F) N/A	Specific Gravity(H2O=1) N/A
Vapor Pressure(mm Hg) N/A	Percent Volatile N/A
Vapor Density(Air=1) N/A	Evaporation Rate (_____ =1) N/A
Solubility in Water COMPLETE	Reactivity in Water DISSOLVES WITH LIBERATION OF MUCH HEAT
Appearance & Odor TAN POWDER/DETERGENT ODOR	PH APPROX. 13-14

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) N/A	Flammable Limits Auto Ignition Temperature	UEL N/A	LEL
Extinguishing Media <input checked="" 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 checked="" 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 DIRECT CONTACT WITH WATER CAN CAUSE A VIOLENT EXOTHERMIC REACTION			

V. Health Hazard Data				
Threshold Limit Value of Product SEE SECTION II	OSHA TEV	ACGTH	TLV	Carcinogen 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: DUST CAN CAUSE DAMAGE TO NASAL AND RESPIRATORY TRACT.				
INGESTION: RESULTS IN SEVER DAMAGE TO MUCOUS MEMBRANES AND DEEP TISSUE.				
FIRST AID				
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.				
SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOT WEAR SEEK MEDICAL ATTENTION.				
INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR. IF DISTRESS CONTINUES SEEK MEDICAL ADVISE.				
INGESTION: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO THROAT. DILUTE BY GIVING WATER. GIVE MILK OF MAGNESIA. SEEK MEDICAL ATTENTION IMMEDIATELY.				
VI. Reactivity Data				
Stability		Unstable	Conditions To Avoid CONTACT WITH STRONG MINERAL ACIDS, METALS AS ALUMINUM MAGNESIUM, COPPER; STRONG ORGANIC COMPOUNDS	
	X	Stable		
Incompatibility		Materials To Avoid STRONG ACIDS , REACTIVE METALS, ALUMINUM ECT.		
Hazardous		May Occur	Conditions to Avoid EXCESSIVE HEAT, MOISTURE, DIRECT SUNLIGHT	
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NONE KNOWN				
VII. Environmental Protection Procedures				
Spill Response SPILLS: SWEEP UP 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 SAFETY GOGGLES RECOMMENDED		Skin Protection RUBBER GLOVES RECOMMENDED		
Respiratory Protection(Specific Type) DUST RESPIRATOR RECOMMENDED		Ventilation Recommended LOCAL EXHAUST.		
Other Protection IMPERVIOUS PROTECTIVE CLOTHING AND CHEMICALLY RESISTANT SAFETY SHOES SHOULD BE WORN TO MINIMIZE CONTACT.				
IX. Special Precautions				
Hygienic Practices In Handling & Storage WASH ALL EXPOSED SKIN AREAS AFTER USE. KEEP CONTAINER CLOSED.				
Other Precautions STORE IN COOL, DRY PLACE KEEP CONTAINER CLOSED				
Disposal Of Empty Containers DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL, & FEDERAL REGULATIONS.				
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