

Material Safety Data Sheet

EMERGENCY PHONE NUMBERS BUTLER CHEMICALS INC. 714-630-7625 INFO TRAC 800-535-5053	HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	HEALTH 2 FIRE 0 REACTIVITY 1 SPECIAL B
--------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------

I. General Information

SOLD BY	Trade Name & Synonyms	
BUTLER CHEMICALS 1283 N. GROVE ST. ANAHEIM, CA. 92806	LAUNDRY MAX	
DOT Hazard Classification	Chemical Family	
CORROSIVE	MIXTURE	
Proper DOT Shipping Name		
CORROSIVE SOLID, N.O.S., 8, UN1759, PGII (CONTAINS SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE)		
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 CARBONATE	497-19-8		N/E	N/E
SODIUM HYDROXIDE	1310-73-2		2mg/m3	2mg/m3
SODIUM METASILICATE	6834-92-0		N/E	N/E

III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
N/A	N/A
Vapor Pressure(mm Hg)	Percent Volatile
N/A	N/A
Vapor Density(Air=1)	Evaporation Rate (_____ =1)
N/A	N/A
Solubility in Water	Reactivity in Water
COMPLETE	DISSOLVES WITH LIBERATION OF MUCH HEAT
Appearance & Odor	pH
WHITE POWDER WITH NO ODOR	APRX 13.8(1% SOLUTION)

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature	N/A	
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			
AVOID BREATHING DUST. APPLY WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND STRUCTURES			
USE WATER SPRAY TO DISPERSE DUST. USE SELF CONTAINED BREATHING APPARATUS (SCBA) OR NIOSH RESPIRATOR.			
Unusual Fire & Explosion Hazards			
DUST MAY PRESENT EXPLOSION HAZARD. PRACTICE GOOD HOUSEKEEPING.			

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 OXIDIZERS		
Hazardous		May Occur	Conditions to Avoid NONE KNOWN	
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NOT KNOWN TO POLYMERIZE.				
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) NONE		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.				
THIS MSDS WAS OBTAINED FROM RELIABLE SOURCES. HOWEVER, IT IS PROVIDED WITHOUT REPRESENTATION OR WARRANTY EXPRESSED OR IMPLIED REGARDING ACCURACY OR CORRECTNESS. CONDITIONS, METHODS OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL OR BEYOND OUR KNOWLEDGE FOR THIS AND OTHER REASONS, WE ASSUME NO RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR INJURY, LOSS, DAMAGE OR EXPENSES ARISING OUT OF THE USE OF THIS PRODUCT.				