

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

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

II Ingredients

Hazardous Components	CAS Number	Percent	ACGTH	TLV
n-Alkyl (60% C14, 30% C16, 5%12, 5% C18) dimethyl benzyl				
Ammonium Chlorides	68391-01-05	**	N/E	N/E
n-Alkyl (68% C12, 32% C14) dimethyl Ethylbenzyl				
Ammonium Chlorides	68956-79-6	**	N/E	N/E
** OPTIONAL				
PA: Identification of specific ingredients is being withheld as a trade secret. NJ-TSRN: 5000-5022				

III. Physical Data

Boiling Point(F)	Specific Gravity(H2O=1)
N/A	N/A
Vapor Pressure(mm Hg)	MELTING POINT
N/A	240 DEGREES F
Vapor Density(Air=1)	Evaporation Rate (_____ =1)
N/A	N/A
Solubility in Water COMPLETE	
Appearance & Odor YELLOW SOLID/LEMON ODOR	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature	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 NONE, MATERIAL IS NOT FLAMABLE			
Unusual Fire & Explosion Hazards NONE			

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 NONE	
	X	Stable		
Incompatibility		Materials To Avoid NONE		
Hazardous		May Occur		
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products NOT KNOWN TO POLYMERIZE.				
VII. Environmental Protection Procedures				
Spill Response SPILLS: COLLECT AND REUSE IF POSSIBLE. RINSE AREA WITH WATER TO PREVENT SLIPPERY CONDITIONS.				
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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