

# 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	<b>HEALTH</b> FLAMMABILITY <u>2</u> REACTIVITY <u>1</u> SPECIAL <u>0</u> <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	CASHMERE		
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	OSHA(PEL)	TLV(PPM)
ISOPROPANOL	67-63-0	<6	25ppm	25ppm
BENZYLALKONIUM CHLORIDE	68424-85-1	<5	N/A	N/A

## III. Physical Data

Boiling Point(F) APRX 212 DEGREES F	Specific Gravity(H2O=1) 0.98
Vapor Pressure(mm Hg) <17 mm Hg	Percent Volatile(% by Wt.) 88
Vapor Density(Air=1) >1	Evaporation Rate ( _____ =1) N/A
Solubility in Water COMPLETE	Reactivity in Water NONE
Appearance & Odor GREEN COLOR/ FRESH ODOR	PH 5.0-7.0

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method) N/A	Flammable Limits AUTO IGNITION TEMPERATURE	UEL	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 type="checkbox"/> WATER <input type="checkbox"/> OTHER		

### Special Fire Fighting Procedures

Fire fighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

### Unusual Fire & Explosion Hazards

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

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 EXTREME TEMPERATURES	
	X	Stable		
Incompatibility		Materials To Avoid STRONG OXIDIZERS		
Hazardous		May Occur		
Polymerization	X	Will Not Occur		
Hazardous Decomposition Products Oxides of carbon and nitrogen.				
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. STORE IN COOL, DRY PLACE.				
Other Protection				
NONE				
Disposal Of Empty Containers				
DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL, & FEDERAL REGULATIONS.				
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