

Material Safety Data Sheet

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

I. General Information

SOLD BY BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA 92806	Trade Name & Synonyms PINE SAN PINE CLEANER
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	P.E.L.	TLV
2-BUTOXYEHTANOL	111-76-2		25ppm	25ppm
PINE OIL	8002*09*3		100ppm	100ppm

III. Physical Data

Boiling Point(F) APRX 212 DEGREES	Specific Gravity(H2O=1) 1.04
Vapor Pressure(mm Hg) N/E	Percent Volatile 79%
Vapor Density(Air=1) >1 (heavier than air)	Evaporation Rate (_____ =1) <1
Solubility in Water COMPLETE	Reactivity in Water NONE
Appearance & Odor DARK AMBER/ PINE ODOR	PH <12

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) N/A	Flammable Limits
Extinguishing Media	
<input checked="" type="checkbox"/> FOAM	<input type="checkbox"/> CO 2
<input type="checkbox"/> ALCOHOL FOAM	<input checked="" type="checkbox"/> DRY CHEMICAL
<input type="checkbox"/> WATER SPRAY	<input checked="" type="checkbox"/> WATER
<input type="checkbox"/> NOT APPLICABLE	<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 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.				
FIRST AID				
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 EXCESSIVE HEAT, SUNLIGHT, AND MOISTURE	
	X	Stable		
Incompatibility		Materials To Avoid OTHER CHEMICALS		
Hazardous		May Occur	Conditions to Avoid	
Polymerization	X	Will Not Occur		
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. 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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