

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 1 FIRE 0 REACTIVITY 0 SPECIAL B
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I. General Information

SOLD BY	BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806	Trade Name & Synonyms	NATURAL OIL SOAP
DOT Hazard Classification	NONE	Chemical Family	MIXTURE
Proper DOT Shipping Name	N/A		
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
POTASSIUM SALT OF MIXED VEGETABLE OILS	61789-30-8	15-40	NONE	NONE

III. Physical Data

Boiling Point(F)	212 F.	Specific Gravity(H2O=1)	1.01
Vapor Pressure(mm Hg)	LESS THAN 30.0	VOC CONTENT	APPROX. 2%
Vapor Density(Air=1)	LESS THAN 1.0	Evaporation Rate (BUTYL ACETAT=1)	LESS THAN .04
Solubility in Water	COMPLETE	Reactivity in Water	NONE
apperance/odor - amber liquid/sassafras odor		Ph	9.5

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature	N/A	N/A
Extinguishing Media	<input type="checkbox"/> FOAM <input type="checkbox"/> CO 2 <input type="checkbox"/> WATER SPRAY <input checked="" type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> ALCOHOL FOAM <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> WATER <input type="checkbox"/> OTHER		
Special Fire Fighting Procedures	NONE		
Unusual Fire & Explosion Hazards	NONE		

V. Health Hazard Data			
Threshold Limit Value of Product N/A	OSHA TEV	ACGTH	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, DIRECT SUNLIGHT, AND MOISTURE
	X	Stable	
Incompatibility		Materials To Avoid OTHER CHEMICALS	
Hazardous		May Occur	Conditions to Avoid AVOID MIXING WITH OTHER CHEMICALS
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 SAFETY GOGGLES RECOMMENDED		Skin Protection RUBBER GLOVES RECOMMENDED	
Respiratory Protection(Specific Type) NONE		Ventilation Recommended 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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