

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	Trade Name & Synonyms	
BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806	EMERALD	
DOT Hazard Classification	Chemical Family	
NONE	MIXTURE	
Proper DOT Shipping Name		
N/A		
Date	LEGEND:	
3/13/2009	N/E Not Established N/A Not Applicable	

II Ingredients

Hazardous Components	CAS Number	Percent	P.E.L.	TLV
NONE				

III. Physical Data

Boiling Point(F)	Specific Gravity(H ₂ O=1)
> 200 DEGREES	1
Vapor Pressure(mm Hg)	Percent Volatile
<17 MM HG	78 (% BY WT.)
Vapor Density(Air=1)	Evaporation Rate (_____ =1)
>1	<1
Solubility in Water	Reactivity in Water
COMPLETE	NONE
Appearance & Odor	PH
DARK GREEN LIQUID	APPROX. 7.5 - 8.5

mucho gusto!

Flash Point (Test Method)	Flammable Limits	UEL	LEL
N/A	Auto Ignition Temperature		
Extinguishing Media			
<input checked="" type="checkbox"/> FOAM	<input type="checkbox"/> CO 2	<input checked="" type="checkbox"/> WATER SPRAY	<input checked="" 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
 Firefighters 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	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 AMPHOTERIC METALS: STRONG ACIDS
	X	Stable	
Incompatibility		Materials To Avoid AMPHOTERIC METALS: STRONG ACIDS	
Hazardous		May Occur	Conditions to Avoid EXCESSIVE HEAT, SUNLIGHT, MOISTURE
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 NONE		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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