

Material Safety Data Sheet

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| 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 1 FIRE 0 REACTIVITY 0 SPECIAL B |
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I. General Information

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|--|---|
| SOLD BY BUTLER CHEMICALS INC. 1283 N. GROVE ST. ANAHEIM, CA. 92806 | Trade Name & Synonyms LU-TABS |
| 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 |
|-----------------------------------|------------|---------|--------|-----|
| ALKYL (50% C14, 40% C12, 10% C16) | | | | |
| DIMETHYL BENZYL AMMONIUM CHLORIDE | 68424-85-1 | | N/E | N/E |
| FURMARIC ACID | 110-17-8 | | N/E | N/E |
| | | | | |
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III. Physical Data

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|---|--|
| Boiling Point(F) N/A | Specific Gravity(H2O=1) N/A |
| Vapor Pressure(mm Hg) N/A | Percent Volatile N/A |
| Vapor Density(Air=1) N/A | Evaporation Rate (_____ =1) N/A |
| Solubility in Water COMPLETE | Melting Point 130-140 degrees F. |
| Appearance & Odor BLUE TABLET/NO ODOR | PH N/A |

IV. Fire & Explosion Hazard Data

| | | | |
|---|-------------------------|------------|------------|
| Flash Point (Test Method) N/A | Flammable Limits | UEL | LEL |
| 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
MATERIAL 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 | |
| | X | Stable | | |
| Incompatibility | | Materials To Avoid OTHER CHEMICALS | | |
| Hazardous | | May Occur | Conditions to Avoid NONE | |
| Polymerization | X | Will Not Occur | | |
| Hazardous Decomposition Products NONE | | | | |
| VII. Environmental Protection Procedures | | | | |
| Spill Response COLLECT AND REUSE IF POSSIBLE. RINSE SPILL AREA WITH WATER TO PREVENT SLIPPERY CONDITIONS. | | | | |
| Waste Disposal Method DISPOSE OF ACCORDANCE WITH ALL STATE, LOCAL & FEDERAL REGULATIONS | | | | |
| VIII. Special Protection Information | | | | |
| Eye Protection SAFETY GOGGLES RECOMMENDED | | Skin Protection NONE | | |
| 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 STATE, LOCAL, & FEDERAL REGULATIONS. | | | | |
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