

E M SCIENCE DIV OF E M INDUSTRIES INC -- LX0323 LITHANE -- 6505-00-137-7743

===== Product Identification =====

Product ID:LX0323 LITHANE

MSDS Date:03/01/1991

FSC:6505

NIIN:00-137-7743

MSDS Number: BXNWJ

=== Responsible Party ===

Company Name:E M SCIENCE DIV OF E M INDUSTRIES INC

Address:480 DEMOCRAT RD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027-0070

Country:US

Info Phone Num:800-222-0342/609-354-920

0

Emergency Phone Num:800-222-0342/609-354-9200

CAGE:63612

=== Contractor Identification ===

Company Name:E M SCIENCE DIV OF E M INDUSTRIES INC

Address:480 DEMOCRAT ROAD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Phone:800-222-0342/609-423-6300

CAGE:63612

===== Composition/Information on Ingredients =====

Ingred Name:LITHIUM CARBONATE

CAS:554-13-2

RTECS #:OJ5800000

Fraction by Wt: 100%

===== Hazards Identification =====

LD50 LC50 M

ixture:ORAL LD50 (MOUSE): 531 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HARMFUL BY INGESTION. POSSIBLY HARMFUL BY OTHER ROUTES. INHALATION OF DUST CAUSES IRRITATION OF UPPER RESPIRATORY TRACT. CONTACT W/SKIN/EYES CAUSES IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HARMFUL BY INGESTION. POSSIBLY HARMFUL BY OTHER ROUTES. INHALATION OF DUST CAUSES IRRITATION OF UPPER REPIRATORY TRACT. CONTACT W/SKIN/EYES CAUSES IRRITATION.

===== First Aid Measures =====

First Aid:SKIN/EYES: IMMEDIATELY FLUSH THOROUGHLY W/LARGE AMOUNTS OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED. INGESTION: IF CONSCIOUS, GIVE WATER FREELY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Extinguishing Media:USE ANY SUITABLE MEDIA FOR ADJACENT MATERIAL.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA. WEAR SUITABLE PROTECTIVE EQUIPMENT. REMOVE ANY IGNITION SOURCES UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLOSION/FIRE HAZARDS. CONTAIN & ELIMINATE SOURCE SAFELY. TAKE UP & CONTAINERIZ E FOR PROPER DISPOSAL.

===== Handling and Storage =====
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Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN A COOL, DRY AREA. TRANSFER/HANDLE IN APPROVED HOOD/W/ADEQUATE VENTILATION.
Other Precautions:DON'T BREATHE DUST, GET IN EYES, ON SKIN/CLOTHING, TAKE INTERNALLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF WORKPLACE EXPOSURE LIMIT OF PRODUCT/ANY COMPONENT IS EXCEEDED.
Protective Gloves:NEOPRENE/EQUIV

ALERT

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:EYE WASH & SAFETY EQUIPMENT

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:1144.4F

Spec Gravity:2.1

Solubility in Water:SLIGHT

Appearance and Odor:WHITE, ODORLESS POWDER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS, FLUORINE.

Stability Condition to Avoid:MOISTURE.

Hazardous Decomposition Products:LITHIUM.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS.

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