

FOOTE MINERAL CO -- LITHIUM BROMIDE -- 6810-00-797-8619

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

Product ID:LITHIUM BROMIDE
MSDS Date:10/17/1996
FSC:6810
NIIN:00-797-8619
MSDS Number: BFPXL
=== Responsible Party ===
Company Name:FOOTE MINERAL CO
Address:RT 100
City:EXTON
State:PA
ZIP:19341
Country:US
Info Phone Num:215-889-9605
Emergency Phone Num:215-363-6500
Preparer's Name:D. B. COGHLAN
CAGE:07660

=== Contractor Identification ===

Company Name:CHEMETALL FOOTE CORPORATION
Address:348 HOLIDAY INN DR
Box:City:KINGS MOUNTAIN
State:NC
ZIP:28086
Country:US
Phone:704-739-2501
CAGE:07660

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

Ingred Name:LITHIUM BROMIDE
CAS:7550-35-8
RTECS #:OJ5755000
Fraction by Wt: >99%
Other REC Limits:5MG/CUM AS N DUST

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

LD50 LC50 Mixture:LD50 MOUSE =1680MG/KG
Reports of Carc

inogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:AT HIGHER LEVEL CONCENTRATION
MAY CAUSE TREMOR,DIARRHEA,VOMITING OR EFFECT CNS CAUSE DROWSINESS
OR HYPERTENSION. CHRONIC:NOT KNOWN.

Effects of Overexposure:SKIN OR LUNG IRRITATION ARE THE FIRST SYMPTOMS
OF OVEREXPOSURE.AT HIGHER CONCENTRATION MAY CAUSE TREMOR,DIARRHEA,
VOMITING OR EFFECT THE CNS CAUSING DROWSINESS OR HYPERTENSION.

Medical Cond Aggravated by Exposure:NOT KNOWN

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First Aid Measures =====

First Aid:SKIN:WASH WITH SOAP AND WATER. EYES:FLUSH EYES THOROUGHLY
WITH POTABLE WATER FOR 15 MINUTES. INHALATION:REMOVE TO FRESH
AIR,SEEK MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:NONE NOTED. NOT FLAMMABLE

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.

Unusual Fire/Explosion Hazard:NONE NOTED

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Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR
VACUUM AND RECOVER FOR PROPER DISPOSAL.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA. KEEP CONTAINER TIGHTLY CLOSED.AVOID MOISTURE.KEEP AWAY FROM
EXTREME HEAT.

Other Precautions:NONE

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Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/

MSHA APPROVED RESPIRATOR FOR DUST IF ABOVE TLV.

Ventilation:LOCAL OR MECHANICAL EXHAUST.

Protective Gloves:IMPERVIOUS OR CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:FULL LENGTH CLOTHING,FOR SKIN PROTECTION.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN:DO NOT BREATHE DUST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health
NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:
1020F,549C

Spec Gravity:3.464

Appearance and Odor:WHITE CRYSTALS, COLORLESS

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

Stability Indicator/Materials to Avoid:YES
NONE NOTED

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:NONE NOTED

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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