

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

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= 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 Carcino

genicity: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.

=====  
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

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

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

=====  
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

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

Respiratory Protection:USE NIOSH/MSH

A 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:102  
0F,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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