

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-138/13863-41-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
13863-41-7
Code:
M

RTECS:
EF9220000
Code:
M

Name:
BROMINE CHLORIDE

Other REC Limits:
N/P

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NOT NORMALLY NEEDED. IF WORKING WITH RUPTURED OR LEAKING CELLS, USE NIOSH RESPIRATOR WITH ACID CARTRIDGE,IF VAPORS ARE TROUBLESOME OR WORK IN AREA IS PROLONGED.

Ventilation:
NONE SPECIFIED BY MFR.

Protective Gloves:
RUBBER/VINYL TO HANDLE LEAKERS 5

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
USE NORMAL PERSONAL HYGIENE. IF WORKING WITH LEAKERS,ETC.,USE NORMAL CHEMICAL HYGIENE PRACTICES.

Supplemental Safety and Health:
CELLS ARE SUPPLIED BY ENMET FOR THEIR GAS DETECTORS. MSDS DATE DIFFICULT TO READ,MAY BE INCORRECT. INGREDIENTS 2 & 3 ARE LISTED THIS MSDS; 1 & 4 ARE FROM FORMER MSDS. ENMET TELEPHONE:313-761-1270

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:
PRODUCT POSES HEALTH HAZARD ONLY IF OUTER CASE IS RUPTURED OR LEAKING. VAPORS ARE VERY IRRITATING TO EYES,SKIN,RESPIRATORY TRACT.

Explanation Of Carcinogenicity:

N/P

Signs And Symptions Of Overexposure:
EYE:BURNING,IRRITATION. SKIN:IRRITATING. INHALED:IRRITATION,COUGHING,PULMONARY EDEMA. INGESTED:UNLIKELY. N/K

Medical Cond Aggravated By Exposure:

NONE

First Aid:
EYE:FLUSH WITH WATER. SKIN:FLUSH WITH WATER. INHALED:REMOVE FROM EXPOSURE,GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST OR ARE SEVERE. INGESTED:GET MEDICAL ATTENTION.

Spill Release Procedures:
DO NOT BREATHE VAPORS OR CONTACT LIQUID. SOAK UP W/LIME OR SODA ASH. USE ACID GAS FILTER MASK.

Neutralizing Agent:

N/P

Waste Disposal Methods:

NEUTRALIZE W/SODIUM BICARBONATE AND HYDROLIZE. 4

Handling And Storage Precautions:

DO NOT EXPOSE TO TEMPERATURES ABOVE 72C(162F). STORE IN PROPER REFRIGERATED STORAGE FACILITIES FOR LITHIUM BATTERIES.

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/R

Autoignition Temp:

Autoignition Temp Text:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

LITH-X EXTINGUISHER

Fire Fighting Procedures:

WEAR SCBA. DO NOT USE WATER

Unusual Fire/Explosion Hazard:

DO NOT SHORT CIRCUIT, RECHARGE, PUNCTURE, CRUSH OR EXPOSE TO TEMP >72C(162F)

Physical/Chemical Properties

HCC:

Z6

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/R

Melt/Freeze Pt:

M.P/F.P Text:

N/A

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

Spec Gravity:

N/R

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

N/R

Appearance and Odor:

BATTERY 6

Percent Volatiles by Volume:

0

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

NO

Stability Condition To Avoid:

TEMPERATURES ABOVE 162F.

Materials To Avoid:
NONE SPECIFIED BY MFG.

Hazardous Decomposition Products:

LITHIUM CHLORIDE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P