

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-513/51311-17-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
51311-17-2
Code:
M

RTECS:

Code:
X

Name:
CARBON MONOFLUORIDE

Other REC Limits:
N/K

OSHA PEL:
2.5 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
2.5MG/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE UNDER NORMAL USE.

Ventilation:
NOT APPLICABLE

Protective Gloves:
NOT APPLICABLE

Eye Protection:
NOT APPLICABLE

Other Protective Equipment:
Equipment NONE UNDER NORMAL USE.

Work Hygienic Practices:
N/A

Supplemental Safety and Health:
EACH CELL CONTAINS 0.05 GRAMS OF LITHIUM.

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
NO

Health Hazards Acute And Chronic:
NONE UNDER NORMAL CONDITIONS OF USE. RUPTURED BATTERIES ARE CORROSIVE TO SKIN, EYES AND MUCUS MEMBRANES.

Explanation Of Carcinogenicity:
N/P

Signs And Symptoms Of Overexposure:
NONE UNDER NORMAL USE-IN A FIRE SITUATION, CELLS MAY RELEASE HARMFUL MATERIALS. 4

Medical Cond Aggravated By Exposure:
NONE KNOWN

First Aid:
INGESTION:SEEK MEDICAL ATTENTION, CONTACT THE NATIONAL CAPITAL POISON CENTER,WASHINGTON,DC,(202)625-3333-CALL COLLECT-

Spill Release Procedures:
PICK UP AND PLACE IN SUITABLE DISPOSAL CONTAINER--WHEN ACCUMULATING LG.QUANTITIES OF UNDISCHARGED BATTERIES FOR DISPOSAL,PACK IN A NON-CONDUCTIVE INSULATING MATERIAL.

Neutralizing Agent:
NONE

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

Handling And Storage Precautions:
DO NOT STORE UNPACKED BATTERIES TOGETHER- THIS SITUATION WILL RESULT IN CELL SHORTING AND HEAT BUILDUP.

Other Precautions:
NONE

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:
GRAPHITE, METAL-X, LITH-X. 5

Fire Fighting Procedures:
WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD BRTHG APP.

Unusual Fire/Explosion Hazard:
WHEN EXPOSED TO EXCESSIVE HEAT,CELLS MAY RUPTURE AND COULD RESULT IN THE RELEASE OF FLAMMABLE MATERIALS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:
6

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/R

Solubility in Water:
N/R

Appearance and Odor:
COIN-SHAPED BATTERY-SILVER COLOR-NO ODOR.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
DO NOT PACK,STORE OR SHIP UNPACKED BATTERIES TOGETHER. THIS COULD RESULT IN SHORTENING, HEAT BUILD UP IGNITION OF FLAM

Materials To Avoid:
NOT APPLICABLE

Hazardous Decomposition Products:
NOT APPLICABLE

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