

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-299/29935-35-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

29935-35-1

Code:

M

RTECS:

Code:

X

Name:

LITHIUM HEXAFLUOROARSENATE

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IF BATTERIES RUPTURE.

Ventilation:

USE ADEQUATE MECHANICAL VENTILATION. 5

Protective Gloves:

PVC, VITON

Eye Protection:

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:

Equipment APRON MADE OF MATERIAL IMPERVIOUS TO MATERIAL. EYE WASH STATION SAFETY SHOWER.

Work Hygienic Practices:

WASH THOROUGHLY AFTER EACH CONTACT. LAUNDER CLOTHING BEFORE REUSE. DISPOSE OF CONTAMINATED FOOTWEAR.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

YES

Health Hazards Acute And Chronic:

ACUTE: INHALATION- IRRITATION, BURNS OF MUCOUS MEMBRANES. EYES/SKIN- BURNS, IRRITATION. INGESTION: BURNS OF MOUTH, ESOPHAGUS, AND GI TRACT. CHRONIC: CONTAINS ARSENIC, A KNOWN CARCINOGEN, SKIN IRRITATION. KIDNEY DAMAGE, ANOREXIA, APATHY, CNS DEPRESSION.

Explanation Of Carcinogenicity:

ARSENIC, AN INGREDIENT, IS LISTED AS A KNOWN CARCINOGEN BY IARC, NTP, OSHA, AND EPA.

Signs And Symptoms Of Overexposure:

INHALATION: BURNING, COUGHING, DIFFICULTY BREATHING, DIZZINESS, NAUSEA, COMA. EYES: BURNING, TEARING. SKIN: BURNING, REDDENING OF SKIN, BURNS. INGESTION: BURNING SENSATION IN MOUTH, ESOPHAGUS, AND STOMACH. BURNS IN SAME. NAUSEA, ABDOMINAL PAIN, DIZZINESS, PROSTATION. OTHER SYMPTOMS OF CNS DEPRESSION.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER. PRE-EXISTING SKIN OR RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY OVEREXPOSURE.

First Aid:

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION/OXYGEN IF REQUIRED. GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING! SEE DOCTOR IMMEDIATELY.

Spill Release Procedures:

PICK UP ALL BATTERIES. FOR RUPTURED BATTERIES: VENTILATE THE AREA, GET CHEMICAL PROTECTIVE EQUIPMENT, ABSORB FREE ELECTROLYTE ON PAPER OR VERMICULITE AND PLACE IN CONTAINER FULL OF OIL FOR DISPOSAL. CONTACT LOCAL ENVIRONMENTAL MANAGER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER. AFTER ABSORPTION, 1% IODINE/5% POTASSIUM IODIDE

Waste Disposal Methods:

4 DO NOT INCINERATE. BURY IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT LOCAL ENVIRONMENTAL MANAGER.

Handling And Storage Precautions:

STORE IN COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION. AVOID TEMPERATURES OVER 110F.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

Flash Point Text:

113F,45C (MSI)

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

DRY CHEMICAL, SODA ASH, LIME, SAND, OR LITHIUM-X.

Fire Fighting Procedures:

USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. SEAL AREA FROM UNNEEDED PERSONNEL.

Unusual Fire/Explosion Hazard:

DO NOT USE WATER. MATERIAL IS WATER REACTIVE. FIRE AND EXPLOSION HAZARD. FIRE AND HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND/OR EXPLOSION.

Physical/Chemical Properties

HG:

F8

NRC/State LIC No:

Net Prop WT for Ammo:

Boiling Point:

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

M.P./F.P. Text:

UNKNOWN

Decomp Temp:

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

Spec Gravity:

UNKNOWN

VOC Pounds/Gallon:

PH:

UNKNOWN

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

UNKNOWN

Appearance and Odor:

SEALED BATTERY,6.25IN.X6.79 IN.X3.25 IN..ELECTROLYTE COLORLESS, ACETONE ODOR.

Percent Volatiles by Volume:

N/K

Corrosion:

UNKNOWN

Conditions To Avoid Polymerization:

Conditions To Avoid:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability And Sources Of Ignition:

HEAT, AND SOURCES OF IGNITION.

Materials To Avoid:

STEAM, WATER, ACID, HEAVY METALS, OXIDIZERS, SILVER COMPOUNDS.

Hazardous Decomposition Products:

HYDROGEN, SULFUR OXIDES AND SULFUR HALIDES, OXIDES OF CARBON.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

Conditions To Avoid:

UNKNOWN

Toxicological Information

Information:

N/P

Information:

N/P

Regulatory Information

Sara Title I Information:

N/P

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Other Information

Information:

N/P

Information: