

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/10377-48-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10377-48-7
Code:
M

RTECS:
OJ6419000
Code:
M

Name:
LITHIUM SULFATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:
2

Control Measures

Respiratory Protection:
N/K

Ventilation:
PROVIDE ADEQUATE VENTILATION.

Protective Gloves:
DISPOSABLE

Eye Protection:
LAB GRADE GOGGLES

Other Protective Equipment:
Equipment LAB COAT

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN/EYES: CORROSIVE & SEVERE BURNS TO ALL EXPOSED TISSUES. INHALATION: IRRITATING TO RESPIRATORY TRACT.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
SKIN/EYES: CORROSIVE & SEVERE BURNS TO EXPOSED TISSUES. INHALATION: IRRITATING TO RESPIRATORY TRACT.

Medical Cond Aggravated By Exposure:
IMPAIRED PULMONARY FUNCTION

First Aid:
EYE/SKIN: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GIVE LEAST 1 OUNCE OF MILK OF MAGNESIA IN AN EQUAL AMOUNT OF WATER/WHITE OF 3 EGGS. NEVER GIVE AN YTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
COVER CONTAMINATED SURFACES W/SODA ASH OR SODIUM BICARBONATE. MIX & ADD WATER IF NECESSARY. USE LITMUS PAPER TO MAKE SURE PH OF SLURRY IS NEUTRAL/ADD NEUTRALIZER UNTIL MIXTURE SS BUBBLING. SCOOP UP THE SLURRY & WASH DOWN W/WATER & SODA ASH.

Neutralizing Agent:
SODA ASH, SODIUM BICARBONATE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
3 AVOID CONTACT W/EYES, SKIN, & CLOTHING. DON'T BREATHE MIST OR VAPOR. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:
STORE TIGHTLY CLOSED IN A COOL, DRY PLACE AWAY FROM METAL AND WOOD.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
N/K

Fire Fighting Procedures:
N/K

Unusual Fire/Explosion Hazard:
MAY EMIT TOXIC FUMES IN FIRE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.172

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
MISCIBLE

Appearance and Odor:
CLEAR, YELLOW LIQUID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
METALS, WOOD

Hazardous Decomposition Products:
TOXIC FUMES OF CHLORIDES, SULFURE OXIDES

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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