

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms 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:

N/A

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:

N/R

M.P/F.P. Text:

N/R

Decomp Temp:

N/K

Decomp Text:

N/K

N/K