

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7447-41-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7447-41-8

Code:

M

RTECS:

OJ5950000

Code:

M

Name:

LITHIUM CHLORIDE

Other REC Limits:

NOT ESTABLISHED

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 FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:

LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY GLASSES/GOGGLES

Other Protective Equipment:

Equipment PROTECTIVE CLOTHING.EYE-WASH FACILITIES,SAFETY SHOWER. 5

Work Hygienic Practices:

AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health:

MSDS UNDATED

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

N/P 3

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY OR G.I,TRACT OR NAUSEA,VOMITING AND LACK OF CO-ORDINATION.CHRONIC:INCREASED BONE DENSITY,HARDENING OF LIGAMENTS.

Explanation Of Carcinogenicity:

DATA PER MGF MSDS.

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated By Exposure:

PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid:

EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:

USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:

N/R

Waste Disposal Methods:

CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

Handling And Storage Precautions:

STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

WASH THOROUGHLY AFTER EACH USE. 4

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Boiling Point:

N/P

B.P. Text:

N/P

Melt/Freeze Pt:

N/P

M.P./F.P. Text:

N/A

Decomp Temp:

N/R

Decomp Text:

UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

2.34

VOC Pounds/Gallon:

N/R

PH:

N/P

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

COMPLETE

Appearance and Odor:

WHITE POWDER, MODERATELY HYDROSCOPIC

Percent Volatiles by Volume:

N/R

Decomp Temp:

N/R

Decomp Text:

UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

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