

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-762-7620-77-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7620-77-1

Code:

M

RTECS:

Code:

X

Name:

LITHIUM 12 HYDROXYSTEARATE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF VAPOR, MIST OR DUST IS GENERATED, WEAR NIOSH-APPROVED RESPIRATORY PROTECTION. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE USED FOR CLEANING LARGE SPILLS OR FOR ENTRY INTO TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:

ADEQUATE

Protective Gloves:

RUBBER, LATEX RECOMMENDED

Eye Protection:

CHEMICAL GOGGLES/FACE SHIELD RECOMMENDED

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY BE MILDLY IRRITATING TO EYES. PROLONGED/REPEATED SKIN CONTACT CAUSES DERMATITIS, FOLLICULITIS/OIL ACNE. INJECTION UNDER SKIN CAUSES LOCAL NECROSIS. INHALATION OF VAPORS/OIL MIST MAY CAUSE MILD IRRITATION. LOW INGESTION HAZARD. CHRONIC- DERMATITIS.

Explanation Of Carcinogenicity:

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:

IRRITATION, REDNESS, SWELLING, TISSUE DAMAGE, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:

INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WIPE OFF EXCESS & WASH SKIN WITH MILD SOAP & WATER OR WATERLESS CLEANER. IF INJECTED UNDER SKIN, OR REGARDLESS OF ITS SIZE, CONTACT A PHYSICIAN IMMEDIATELY. DELAY MAY CAUSE LOSS OF AFFECTED PART OF BODY. ORAL: IF LARGE AMOUNTS ARE INGESTED, CALL PHYSICIAN.

Spill Release Procedures:

SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSE OF AS REQUIRED BY EPA FOR MATERIALS CONTAINING EXTRACTABLE (10 PPM_SELENIUM), HAZARDOUS WASTE NUMBER: D008.

Handling And Storage Precautions:

STORE AWAY FROM OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. WATER CONTAMINATION SHOULD BE AVOIDED.

Other Precautions:

MINIMIZE SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED.

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

Flash Point Text:

415F,213C 3

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:

DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:

V6

NRC/State/LIC No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

NOT GIVEN

Melt/Freeze Pt:

M.P/F.P. Text:

NOT GIVEN

Decomp Temp:

Decomp Text:

NOT GIVEN

Vapor Pres:

NOT GIVEN

Vapor Density:

NOT GIVEN

Volatile Org Content %:

Spec Gravity:

NOT GIVEN 4

VOC Pounds/Gallon:

PH:

N/R

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

NOT GIVEN

Solubility in Water:

INSOLUBLE

Appearance and Odor:

AMBER, SMOOTH GREASE - SLIGHT ODOR

Percent Volatiles by Volume:

N/R

Corrosion Rate:

UNKNOWN

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY BE MILDLY IRRITATING TO EYES. PROLONGED/REPEATED SKIN CONTACT CAUSES DERMATITIS, FOLLICULITIS/OIL ACNE. INJECTION UNDER SKIN CAUSES LOCAL NECROSIS. INHALATION OF VAPORS/OIL MIST MAY CAUSE MILD IRRITATION. LOW INGESTION HAZARD. CHRONIC- DERMATITIS.

Explanation Of Carcinogenicity:

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:

IRRITATION, REDNESS, SWELLING, TISSUE DAMAGE, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:

INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WIPE OFF EXCESS & WASH SKIN WITH MILD SOAP & WATER OR WATERLESS CLEANER. IF INJECTED UNDER SKIN, OR REGARDLESS OF ITS SIZE, CONTACT A PHYSICIAN IMMEDIATELY. DELAY MAY CAUSE LOSS OF AFFECTED PART OF BODY. ORAL: IF LARGE AMOUNTS ARE INGESTED, CALL PHYSICIAN.

Spill Release Procedures:

SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSE OF AS REQUIRED BY EPA FOR MATERIALS CONTAINING EXTRACTABLE (10 PPM_SELENIUM), HAZARDOUS WASTE NUMBER: D008.

Handling And Storage Precautions:

STORE AWAY FROM OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. WATER CONTAMINATION SHOULD BE AVOIDED.

Other Precautions:

MINIMIZE SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED.

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

Flash Point Text:

415F,213C 3

Autoignition Temp: