

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
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 Symptions Of Overexposure:**  
IRRITATION, REDNESS, SWELLING, TISSUE DAMAGE, NAUSEA, VOMITING

**Medical Cond Aggravated By Exposure:**  
INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUCCEPTIBLE 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, REGARDLESS OFITS 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

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT, OPEN FLAME

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES &GASES WILL EVOVLE. CARBON MONOXIDE &OTHER COMPD. MAY FORM.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE. WILL NOT OCCUR.

## 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

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WARRANTY

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