

EXXON CO USA, A DIV OF EXXON CORP. -- LITHIUM (7092),86470 -- 9150-00-530-6814

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Product Identification  
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Product ID:LITHIUM (7092),86470

MSDS Date:08/10/1997

FSC:9150

NIIN:00-530-6814

MSDS Number: CGLSB

=== Responsible Party ===

Company Name:EXXON CO USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:800-443-9966

Emergenc

y Phone Num:713-656-3424/(281)834.3296

Chemtre Ind/Phone:(800)424-9300

CAGE:29700

==== Contractor Identification ===

Company Name:EXXON CO USA-SOUTHWEST GREASE BUSINESS UNIT

Address:1400 S HARRISON

Box:1974

City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:913-656-3701/800-424-9300(CHEMTREC)

Contract Num:SP0450-99-M-B015

CAGE:70878

Company Name:EXXON COMPANY U.S.A.

Address:Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

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Composit

ion/Information on Ingredients =====

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT REFINED  
(SEVERE), HEAVY NAPHTHENIC, (NON-CARCINOGENIC - IARC)

CAS:64741-96-4

RTECS #:PY8040001

&lt; Wt:83.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL, HYDROTREATED (SEVERE), HEAVY NAPHTHENIC  
DISTILLATE

CAS:64742-52-5

RTECS #:PY8035001

= Wt:83.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV

:5 MG/M3 AS OIL MIST

Ingred Name:LITHIUM COMPLEX SOAP THICKENER

&lt; Wt:6.

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY ADDITIVES

= Wt:15.

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TR

ACTS. ACUTE- EYE CONTACT MAY CAUSE IRRITATION. PROLONGED OR  
REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND INFLAMMATION.  
INHALATION OF OIL MISTS MAY CAUSE MILD IRRITATION OF UPPER  
RESPIRATORY TRACT. LOW ORDER OF ORAL TOXICITY; BUT ASPIRATION  
HAZARD. CHRONIC- SKIN DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE WHEN USED WITH GOOD PERSONAL HYGIENE  
PRACTICES. MAY OTHERWISE CAUSE SKIN & EYE IRRITATION UPON PROLONGED  
OR REPEATED CONTACT. ACUTE TO

XICOLOGICAL PROPERTIES: NO DATA

AVAILABLE

Medical Cond Aggravated by Exposure:NONE RECOGNIZED.

===== First Aid Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING. WAS CONTAMINATED CLOTHING BEFORE REUSE. WIPE EXCESS OFF. WASH SKIN WITH SOAP & WATER. IF MATERIAL IS INJECTED UNDER SKIN, REGARDLESS OF APPEARANCE/SIZE, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:>180.C, 356.F

Extinguishing Media:WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, AND VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS MAY ALL BE SUITABLE FOR EXTINGUISHING FIRES INVOLVING THIS TYPE OF PRODUCT.

Fire Fi

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

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE. COOL CONTAINERS WITH WATER SPRAY.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. RECOVER FREE PRODUCT. REMOVE SPILL WITH INERT ABORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. WASH AREA TO REMOVE TRACE RESIDUE. Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED SK

IN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN  
CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS OR FUMES, IF  
NECESSARY. PROVIDE VENTILATION SUFFICIENT TO PREVENT EXCEEDING  
RECOMMENDED EXPOSURE LIMIT.

Protective Gloves:USE CHEMICAL-RESISTANT GLOVES, IF NEEDED, TO AVOID  
PROLONGED SKIN CONTACT.

Eye Protection:

SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED. AVOID  
CONTAMINATING REGULAR CLOTHING, WHICH COULD RESULT IN PROLONGED  
SKIN CONTACT.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

DOES NOT CONTAIN POLYCHLORINATED BIPHENOLS (PCB'S). GROUND PRODUCT  
TRANSFER S

SYSTEM IN ACCORDANCE W/THE NATL FIRE PROTECTION ASSOC PUB.

TO PREVENT FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION&DISCHARGE.  
DO NOT STORE NEAR HEAT, SPARKS,FLAME OR STRONG OXIDANTS.

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===== Physical/Chemical Properties =====

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.936

Viscosity:>100SUS @100F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER GREASE - MINERAL OIL ODOR

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===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN,  
SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF PHOSPHORUS, SULFUR AND NITROGEN, ZINC OXIDE, HYDROGEN  
SULFIDE, MERCAPTANS, SULFUR DIOXIDE, HYDROGEN SULFIDE OXIDES OF  
CALCIUM, ALKYL SULPHIDES.

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===== Toxicological Information =====

Toxicological Information:THIS PRODUCT

IS JUDGED TO HAVE AN ACUTE ORAL

LD50 (RAT) GREATER THAN 5 G/KG OF BODY WEIGHT, AND AN ACUTE DERMAL LD50 (RABBIT) GREATER THAN 3.16 G/KG OF BODY WEIGHT. PRODUCT HAS A LOW ORDER OF ACUTE ORAL & DERMAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGES DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY & POSSIBLY DEATH.

===== Disposal Considerations =====

Waste Disposal Methods:ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:U.S. DOT: NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986 & 40 CFR PART 372.

Federal Regulatory Information:THIS PRODUCT MAY BE CLASSIFIED AS AN OIL

UNDER SECTION 311 OF THE CLEAN WATER ACT, & UNDER THE OIL POLLUTION ACT. DISCHARGES OR SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (1-800-424-8802).

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