

EXXON CO USA, A DIV OF EXXON CORP. -- 86711 MIL-G-10942F (4122) PETROLEUM LUBRICATING GREASE -- 9150-01-197-7692

===== Product Identification =====

Product ID:86711 MIL-G-10942F (4122) PETROLEUM LUBRICATING GREASE

MSDS Date:04/13/1998

FSC:9150

NIIN:01-197-7692

MSDS Number: CGMXX

=== Responsible Party ===

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

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

Country:US

ZIP:77252-2180

Info Phone Num:713-656-3424/3540

Emergency Phone Num:713-656-3424

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)

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

===== Composition/

Information on Ingredients =====

Ingred Name:1-DECENE, HOMOPOLYMER, HYDROGENATED/POLYALPHAOLEFINS
CAS:68037-01-4
Fraction by Wt: 55%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 0 - 18%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),
HEAVY PARAFFINIC
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: 0 - 18%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SOAP/LITHIUM COMPLEX SOAP THICKENER
Fraction by Wt: 15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY ADDITIVES
Fraction by Wt: 12%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RATS): > 5 G/KG

Routes of Entry: Inhalation:NO Skin

:YES Ingestion:NO

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

Health Hazards Acute and Chronic:PROLONGED OR REPEATED CONTACT MAY
CAUSE EYE AND SKIN IRRITATION. REPEATED AND PROLONGED OVEREXPOSURE
TO OIL MISTS MAY RESULT IN DROPLET DEPOSITION, OIL GRANULOMA
FORMATION, INFLAMMATION AND INCREASED INCIDENCE OF INFECTION.
ASPIRATION HAZARD.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR S

USPECT

CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, DERMATITIS,
INFLAMMATION OF RESPIRATORY TRACT, CHEMICAL PNEUMONIA.

Medical Cond Aggravated by Exposure:NONE RECOGNIZED.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH A

LATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS,
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:>410F,>210C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG,
VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR
SELF CONTAINED

BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:IF A LEAK OR SPILL HAS NOT IGNITED USE
WATER SPRAY TO DISPERSE THE VAPORS AND PROVIDE PROTECTION TO
PERSONS ATTEMPTING TO STOP THE LEAK.

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

Spill Release Procedures:RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER
SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT

. KEEP OUT

OF SEWERS AND WATERCOURSES. ADVISE AUTHORITIES IF PRODUCT HAS
ENTERED OR MAY ENTER SEWE RS OR WATERCOURSES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE PRODUCT WITH CAUTION AROUND HEAT,
SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, OPEN FLAME. AVOID
PROLONGED OR REPEATED CONTACT WITH SKIN/EYES.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGER

OUS.

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE.

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

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

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:CHEMICAL-RESISTANT

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

TO PREVENT FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION AND DISCHARGE, EFFECTIVELY BOND AND-OR GROUND PRODUCT TRANSFER SYSTEM

IN ACCORDANCE WITH NFPA PUBLICATIONS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, FLAMES OF STRONG OXIDANTS.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt: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

Spec Gravity:.87

Viscosity:>100 SUS@100F

Evaporation Rate & Reference:NOT GIVEN

Sol

ubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER GREASE, MINERAL OIL ODOR

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:HEAT, SPARKS, PILOT LIGHTS, STATIC
ELECTRICITY, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF PHOSPHOROUS FROM BU
RNING, OXIDES OF SULFUR, OXIDES OF
NITROGEN

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States
of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.