

SHELL OIL COMPANY -- SUPER DUTY LF GREASE -- 9150-01-015-1542

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

Product ID: SUPER DUTY LF GREASE

MSDS Date: 03/15/1993

FSC: 9150

NIIN: 01-015-1542

MSDS Number: BTSHG

=== Responsible Party ===

Company Name: SHELL OIL COMPANY

Address: 1 SHELL PLAZA

Box: 2463

City: HOUSTON

State: TX

ZIP: 77001

Country: US

Info Phone Num: 713-241-4819

Emergency Phone Num: 713-473-9461 (24 HOUR EMERGENCY)

CAGE: 54527

=== Contractor Identification ===

Company Name: SALATHE OIL CO INC

Address: 2226 PETERS RD

Box: City: HARVEY

State: LA

ZIP: 70058

Country: US

Phone: 504-366-4542

CAGE: 0T5C6

Company Name: SHELL OIL COMPANY

Address: Box: 2463

City: HOUSTON

State: TX

ZIP: 77210

Country: US

Phone: 800-231-6950

CAGE: 54527

===== Composition/Information on Ingredients =====

Ingred Name: RESIDUAL OILS, HYDROTREATED

CAS: 64742-57-0

Fraction by Wt: 40-50% %

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5

MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 35-45% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:LITHIUM 12 HYDROXYSTEARATE
CAS:7620-77-1
Fraction by Wt: 3-8% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Fraction by Wt: < 3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:ADDITIVES
Fraction by Wt: < 10%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY BE MILDLY IRRITATING TO THE EYES.
PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS OR
OIL ACNE. RELEASE DURING HIGH PRESSURE MAY RES
ULT IN INJECTION OF
OIL INTO THE SKIN CAUSING LO CAL NECROSIS. VAPORS MAY IRRITATE THE
NOSE, THROAT AND UPPER RESPIRATORY TRACT. INGESTION MAY CAUSE GI
DISTURBANCES.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, DERMATITIS,
UPPER RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA.
LOCAL NECROSIS IS EVID

ENDED BY DELAYED ONSET OF PAIN AND TISSUE
DAMAGE A FEW HOURS FOLLOWIN G INJECTION.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== 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 PERSISTS, GET MEDICAL
ATTENTION. IF INJ
ECTED, GET PROMPT MEDICAL ATTENTION. INHALATION:
REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:315F,157C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPME
NT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER ON
FIRE. PRODUCT WILL FLOAT. TOXIC GASES ARE RELEASED DURING
COMBUSTION.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH
APPROPRIATE CLEANER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage ====
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH
TEMPERATURES.
Other Precautions:AVOID SKIN CONTACT. LAUNDER CONTAMINATED CLOTHING
BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES,
INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT NORMALLY REQUIRED.
Ventilation:LOCAL EXHAUST AND

MECHANICAL (GENERAL) VENTILATION TO
MAINTAIN EXPOSURE LEVELS.

Protective Gloves:OIL RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID
SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE
AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NOTES TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSAR
Y IN HIGH

VISCOSITY, LOW VOLATILITY PRODUCTS, IE, MOST OILS AND GREASES.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY, SMOOTH GREASE, SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:SULFUR OXIDES, HYDROGEN SULFIDE,
CARBON MONOXIDE, CARBON DIOXIDE, LEAD OXIDES, UNIDENTIFIED ORGANIC
COMPOUNDS.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WIT

H ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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