

SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE -- SUPER DUTY GREASE FF --  
9150-01-015-1542

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

Product ID: SUPER DUTY GREASE FF

MSDS Date: 07/29/1991

FSC: 9150

NIIN: 01-015-1542

Status Code: A

MSDS Number: CJSRG

=== Responsible Party ===

Company Name: SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE

Box: 4320

City: HOUSTON

State: TX

ZIP: 77210

Country: US

Info Phone Num: 713-

241-4819

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

Resp. Party Other MSDS Num.: MSDS# 56,491-7

Preparer's Name: G.A. VAN GELDER

Chemtrec Ind/Phone: (800)424-9300

CAGE: TO320

=== 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

Contract Num: SP0450-99-M-B298

CAGE: 0T5C6

Company Name: SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE

Address: Box: 4320

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State: TX

ZIP: 77210

Country: US

Ph

one:713-241-4819  
CAGE:TO320

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Composition/Information on Ingredients  
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Ingred Name:SOLVENT REFINED, HYDROTREATED RESIDUAL OIL  
CAS:64742-57-0  
= Wt:44.  
Other REC Limits:NOT PROVIDED.

Ingred Name:SOLVENT REFINED, HYDROTREATED HEAVY PARAFFINIC DIST.  
CAS:64742-54-7  
RTECS #:PY8035500  
= Wt:42.  
Other REC Limits:NOT PROVIDED.

Ingred Name:LITHIUM HYDROXYSTEARATE  
CAS:7620-77-1  
= Wt:6.  
Other REC Limits:NONE SPECIFIED

Ingred Name:POLYETHYLENE  
CAS:8002-74-2  
RTECS #:RV0350000  
=  
Wt:5.  
Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD DIAMYLDITHIOCARBAMATE  
CAS:36501-84-5  
= Wt:2.5  
Other REC Limits:NONE SPECIFIED

Ingred Name:OTHER COMPONENTS CONTAINING MOLYBDENUM DISULFIDE (1%) AND  
NAPHTHENIC ACIDS  
= Wt:2.5  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) > 10 ML/KG ING # 5  
Health Hazards Acute and Chronic:HEALTH INFORMATION: EYE CONTACT:  
MILDLY IRRITATING TO THE EYES. SKIN C

CONTACT: PROLONGED OR REPEATED

CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMITITIS, FOLLICULITIS OR OIL ACNE AND MAY RESULT IN THE ABSORPTION OF LEAD. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NOT RELEVANT ROUTE OF EXPOSURE. HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAPORS IRRITANT TO THE NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION: BASED ON THE PRESENCE OF C

COMPONENT 5,

INGESTION MAY RESULT IN THE ABSORPTION OF LEAD .

Explanation of Carcinogenicity:NOT PROVIDED.

Effects of Overexposure:IRRITATION, LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS

OPEN. CALL PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER, FOLLOWED BY SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE; DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: MOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO

NOT

INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDICAL ADVICE

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

Flash Point Method:PMCC

Flash Point:221.C, 429.8F

Extinguishing Media:WATER FOG,DRY CHEMICAL OR CARBON DIOXIDE.DO NOT USE A DIRECT STREAM OF WATER.PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER

PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARATUS.COOL FIRE EXPOSED CONTAINERS  
SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.  
Unusual Fire/Explosion Hazard:NOT PROVIDED.

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

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

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

Handling and Storage Precautions  
:STORE IN A COOL, DRY PLACE WITH  
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH  
TEMPERATURES.  
Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE  
EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY  
CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF  
CONTAMINATED LEATHER ARTICLES ( SHOES) THAT CAN NOT BE  
DECONTAMINATED

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

Respiratory Protection:NOT ORDINARILY REQUIRED.  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:USE OIL RESISTANT GLOVES.  
Eye Protection:WEAR SAFETY GLASSES OR GOGGLES.  
Other Protective Equipment:AVOID CONTACT WITH EYES. USE OIL RESISTANT  
CLOTHING AS NEEDED TO AVOID SKIN CONTACT.  
Work Hygienic Practices:NOT PROVIDED.  
Supplemental Safety and Health  
NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH  
VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST OILS AND GREASES.

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

HCC:V6  
NRC/State Lic Num:NOT RELEVANT.  
Boiling Pt:B.P. Text:NOT AVAILABLE.  
Melt/Freeze Pt:=177.2C, 351.F  
Decomp Temp:Decomp Text:NOT PROVIDED.  
Vapor Pres:NOT AVAILABLE.  
Spec Gravity:NOT AVAILABLE.  
pH:NOT RELEVANT.  
Viscosity:NOT PROVIDED.  
Evaporation Rate & Reference:NOT AVAILABLE.  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:GRAY, SMOOTH, SLIGHT ODOR.  
Percent Volatiles by Volume:NOT PROVIDED  
Corrosion Rate:NOT PROVIDED.

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

**STRONG OXIDIZING AGENTS**

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE WHEN PYROLYSIS/COMBUSTION OCCURS. CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Toxi

cological Information: ACUTE DERMAL LD50 > 4.64 ML/KG (RABBIT)

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

Waste Disposal Methods: CONTAINS A LEAD COMPOUND AT GREATER THAN 5 MG/L. UNDER EPA-RCRA, A WASTE MATERIAL CONTAINING LEAD IS HAZARDOUS (D008) IF IT EXHIBITS CHARACTERISTIC OF TOXICITY BASED UPON EXTRACTED CONCENTRATION OF LEAD AS SHOWN BY TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). MATERIAL MAY BE RECYCLED.

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

SARA Title III Information: EPA - COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA). UNDER EPA-CERCLA ("SUPERFUND") RELEASES TO AIR, LAND OR WATER WHICH EXCEED THE REPORTABLE QUANTITY MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802. THE REPORTABLE QUANTITY (RQ) IS 20,000 LBS BASED ON NAPHTHENIC ACID. UNDER SECTION 311 OF EPA'S CLEAN WATER ACT (CWA), THIS PRODUCT IS CONSIDERED AN OIL. AS SUCH,

SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802-

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE INCLUDED ON EPA/THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information: THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY. THE FOLLOWING CHEMICALS ARE SPECIFICALLY

LISTED BY INDIVIDUAL STATES: MOLYBDE NUM DISULFIDE 1% CALIFORNIA;  
LEAD DIAMYL DITHIOCARBAMATE 2.5% CALIFORNIA SAFE DRINKING WATER AND  
TOXICS ENFORCEMENT ACT. POLYETHYLENE 5% CALIFORNIA.

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