

SHELL OIL COMPANY -- GREASE 99885038 -- 9150-00-754-2595

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

Product ID:GREASE 99885038

MSDS Date:10/10/1989

FSC:9150

NIIN:00-754-2595

MSDS Number: BMQFZ

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461

Prepa

er's Name:J.C.WILLETT

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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

Ingred Name:DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC

CAS:64742-18-3

RTECS #:PY8032000

Fraction by Wt: 66%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RT

ECS #:PY8035500  
Fraction by Wt: 14%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM

Ingred Name:LITHIUM 12 HYDROXYSTEARATE  
CAS:7620-77-1  
Fraction by Wt: 10.5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SULFURIZED FATTY MATERIAL  
CAS:61790-49-6  
Fraction by Wt: 7%  
Other REC Limits:NONE SPECIFIED

Ingred Name:NAPHTHENIC ACID; LEAD SALT  
CAS:61790-14-5  
RTECS #:QK9150000  
Fraction by Wt: 2.5%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-MILDLY IRRITATING TO EYES.  
SKIN-MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS,  
FOLLICULITIS OR OIL ACNE AND MAY RESULT IN THE ABSORPTION OF LEAD.  
IF INJECTED INTO THE SKIN CAN CAUSE LOCAL NECROSIS. INHALE-UNDER  
HIGH TEMPERATURES,VAPORS CAN IRRITATE NOSE, THROAT & RESPIRATORY  
TRACT. INGEST-MAY ABSORB LEAD.

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.

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===== First Aid Measures =====  
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First Aid:EYE-FLUSH WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION.  
SKIN-REMOVE SOILED CLOTHING & WIPE OFF EXCESS. WASH WITH SOAP &  
WATER OR WATERLESS HAND CLEANER FOLL

OWED BY SOAP & WATER. GET

MEDICAL ATTENTION, IF IRRITATION PERSISTS. INHALE-REMOVE TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS HARD. GET MEDICAL ATTENTION. INGEST-DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:315F,157C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA.

USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE. PRODUCT WILL FLOAT & REIGNITE ON SURFACE OF WATER.

Unusual Fire/Explosion Hazard:SULFUR OXIDES & HYDROGEN SULFIDE, BOTH OF WHICH ARE TOXIC, MAY BE RELEASED UPON COMBUSTION.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITHADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:AVOID SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES.

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

Respiratory

Protection:NOT ORDINARLY REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:OIL RESISTANT GLOVES.

Eye Protection:SAFETY GOGGLES OR GLASSES.

Other Protective Equipment:USE OIL RESISTANT CLOTHING AS NEEDED TO AVOID SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER SHOULD BE AVAILIABLE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:351F,177C

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER, SMOOTH, SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, SULFUR OXIDES, LEAD  
OXIDES & UNIDENTIFIED ORGANIC COMPOUNDS

MAY BE FORMED UPON  
COMBUSTION.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE  
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND  
REGULATIONS.

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