

SHELL OIL CO -- DARINA EP GREASE -- 9150-01-123-5103

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

Product ID:DARINA EP GREASE

MSDS Date:10/18/1996

FSC:9150

NIIN:01-123-5103

MSDS Number: CGLFF

=== Responsible Party ===

Company Name:SHELL OIL CO

Address:SHELL PLZ

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:800-240-6737

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:SHELO

=== Contractor Identification ===

Company Name:CHATTANOOGA SUPPLY CO

Address:10

42 GRAYSVILLE RD

Box:22063

City:CHATTANOOGA

State:TN

ZIP:37422-2063

Country:US

Phone:615-899-8484

CAGE:0X8J2

Company Name:SHELL OIL CO

Box:4320

City:HOUSTON

State:TX

ZIP:77210-5000

Country:US

Phone:713-473-9461/713-241-2252

CAGE:SHELO

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:HIGHLY REFINED PETROLEUM OIL

Fraction by Wt: 80-85%

Other REC

Limits:NONE RECOMMENDED

Ingred Name:BENTONITE OR INORGANIC CLAY
CAS:1302-78-9
RTECS #:CT9450000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIMONY DITHIOCARBAMATE
CAS:15890-25-2
Fraction by Wt: 1-2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES AND/OR OTHER INGREDIENTS
Fraction by Wt: 5-20%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG
Routes of Entr
y: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT MAY BE MILDLY IRRITATING
TO EYES. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE VARIOUS SKIN
DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE
UNDER HIGH PRESSURE MAY RESULT I N INJECTION INTO SKIN CAUSING
LOCAL NECROSIS. NO SPECIFIC INHALATION OR INGESTION HAZARDS
IDENTIFIED.
Explanation of Carcinogenicity:PRODUCT IS NOT CLASSI
FIED AS A
CARCINOGEN BY NTP, IARC OR OSHA.
Effects of Overexposure:IRRITATION TO SKIN & EYES. LOCAL NECROSIS IS
EVIDENCD BY DELAYED ONSET OR PAIN AND TISSUE DAMAGE A FEW HOURS
FOLLOWING INJECTION.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET
MEDICAL ATTENTION. SKIN-REMOVE CON

TAMINATED CLOTHES. WASH WITH SOAP
& WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL
IS INJ ECTED INTO SKIN, GET PROMPT MEDICAL ATTENTION TO PREVENT
SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS TO APPEAR! INJESTED-DO NOT
INDUCE VOMITING! GET MEDICAL ADVICE.

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

Flash Point Method:PMCC

Flash Point:509F,265C

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, DRY CHEMICAL, OR CARBON D
IOXIDE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL FIREFIGHTER'S PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINER
WITH WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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. MINIMIZE SKIN CONTACT.

Other Precautions:PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES,
INCLUDING SHOES WHICH CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:OIL RESISTANT-NITRILE.

Eye P

rotection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:OTHER CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING,DRINKING,SMOKING,USING TOILET FACILITIES.LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NOTE TO PYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, IE MOST OILS & GREASES.

===== Physical/Chemical Properties =====
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HCC:V6

Melt/Freeze Pt:M.P/F.P Text:401F,205C

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE.

Appearance and Odor:AMBER, SMOOTH GREASE; SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:COMPLEX MIXTURE OF AIRBORNE SOLID, LI

QUID PARTICULATES AND GASES WILL EVOLVE DURING PYROLYSIS OR COMBUSTION.

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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

Waste Disposal Methods:NONE SPECIFIED BY MANUFACTURER.

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