

===== MSDS  
Safety Information  
=====

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FSC: 9150 NIIN: 00-966-8835 MSDS Date: 11/16/1992 MSDS Num: BVHFT

Submitter: D DG Tech Review: 10/24/1994 Status CD: C

Product ID: SHELL TELLUS OIL 68 MFN: 02

Article: N Kit Part: N

Cage: 54527  
Responsible Party

Name: SHELL OIL COMPANY

Address: 1 SHELL PLAZA Box: 2463  
City: HOUSTON State: TX Zip: 77001

Country: US

Info Phone Number: 713-241-4819

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

Preparer's Name: N/P

Proprietary Ind: N Review Ind: Y

Published: Y Special Project CD: N

===== Contractor  
Summary =====

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Cage: 54527 Name: SHELL OIL COMPANY Box: 2463  
City: HOUSTON State: TX Zip: 77210  
Country: US Phone: 800-231-6950

===== Item  
Description Information  
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Item Manager: S9G

Item Name: HYDRAULIC FLUID,PETROLEUM BASE

Specification Number: MIL-H-46001

Type/Grade/Class: GRADE 3

Unit of Issue: DR

Quantitative Expression: 0000000055GL

UI Container Qty: 1

Type of Container: DRUM

Ingredients

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Cas: 64742-54-7

M

PY8035500

M

Code:

RTECS #:

Code:

Name: MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD), HEAVY PARAFFINIC

% Text: 0-99 %

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL:

5 MG/M3 (OIL MIST)

Code: M OSHA STEL:

Code:

ACGIH TLV: 5 MG/M3 (OIL MIST)

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 64742-65-0

M

PY8038500

M

Code:

RTECS #:

Code:

Name: MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD), HEAVY PARAFFINIC

% Text: 0-99 %

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code: M OSHA STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

Cas: X X

Name: MINOR ADDITIVES

Code: RTECS #: Code:

% Text: < 2%

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code: M OSHA STEL: Code:

ACGIH TLV: NOT ESTABLISHED

Code: M ACGIH N/P STEL: Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

===== Health  
**Hazards Data** [TOP](#)  
 =====

LD50 LC50 Mixture

TLV 5 MG/M3 OIL MIST.

Route Of Entry Inds – Inhalation:NO Skin:YES Ingestion:NO

Carcinogenicity Inds – NTP:NO IARC:NO OSHA:NO

Health Hazards Acute And Chronic

PRACTICALLY NON-IRRITATING TO THE EYES. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS. VAPORS MAY IRRITATE THE NOSE, THROAT AND UPPER RESPIRATORY TRACT. INGESTION MAY CAUSE GI DISTURBANCES. ACCIDENTAL RELEASE UNDER HIGH PRESSURE APPLICATIONS MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS.

Explanation Of Carcinogenicity

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure

EYE IRRITATION, SKIN IRRITATION, DERMATITIS, UPPER RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA. NECROSIS MAY BE EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING HIGH PRESSURE INJECTION.

Medical Cond Aggravated By Exposure

PRE-EXISTING SKIN AND/OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

#### 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 MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY.  
INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

#### Spill Release Procedures

ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

#### Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

#### 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.

#### 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. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

#### Explosion Hazard Information

Fire and

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Flash Point Method:

PMCC

Flash Point:

Flash Point Text: 370F,188C

Autoignition Temp:

Autoignition Temp Text: N/K

Lower Limits: NOT GIVEN

Upper Limits: NOT GIVEN

#### Extinguishing Media

WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, FOAM. DO NOT USE A DIRECT STREAM OF WATER.

### Fire Fighting Procedures

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

### Unusual Fire/Explosion Hazard

PRODUCT WILL FLOAT AND CAN BE REIGNITED. TOXIC GASES ARE RELEASED DURING COMBUSTION.

Measures Control [TOP](#)

#### Respiratory Protection

IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

#### Ventilation

LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

#### Protective Gloves

IMPERVIOUS

#### 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

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties [TOP](#)

HCC:

V6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: NOT GIVEN

Melt/Freeze Pt:

M.P/F.P Text: -5F,-21C

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: NOT GIVEN

Vapor Density: NOT GIVEN

Volatile Org Content %:

Spec Gravity: 0.8729

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: NOT GIVEN

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CREAM WHITE LIQUID, SLIGHT HYDROCARBON ODOR

Percent Volatiles by Volume: N/K

Corrosion Rate: UNKNOWN

===== Reactivity Data =====

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Stability Indicator:

YES

Stability Condition To Avoid: HEAT, OPEN FLAME

Materials To Avoid: OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NONE. WILL NOT OCCUR.

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

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Toxicological Information:

N/P

===== Ecological Information =====

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**Ecological:**

N/P

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**Information** ===== **MSDS Transport**  
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**Transport Information:**

N/P

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**Regulatory Information**  
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**Sara Title III Information:**

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

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**Other Information**  
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**Other Information:**

N/P

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