

SHELL OIL COMPANY -- SHELL TELLUS(R) OIL 46 -- 9150-00-993-6621

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

Product ID:SHELL TELLUS(R) OIL 46

MSDS Date:06/13/1989

FSC:9150

NIIN:00-993-6621

MSDS Number: BMWJZ

=== 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)

Preparer's Name:J.C. WILLET

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:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (SEVERE)  
HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035501

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD)  
LI

GHT NAPHTHENIC  
CAS:64742-53-6  
RTECS #:PY8036000  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC  
CAS:64742-18-3  
RTECS #:PY8032000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM

Ingred Name:ADDITIVES  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: PRACTICALLY NON-IRRITATING.  
SKIN: PRACTICALLY NON-IRRITATING. PROLONGED AND REPEATED CONTACT  
MAY RESULT IN SKIN DISORDERS SUCH AS DERMATITIS, OIL ACNE OR  
FOLLICULITIS. INHALATION: INHALATION OF MISTS OR VAPORS MAY CAUSE  
A MILD IRRITATION OF THE MUCOUS MEMBRANES OR THE UPPER RESPIRATORY  
TRACT.

Effects of Overexposure:NECROSIS MAY BE EVIDENCED BY DELAYED ONSET OF  
PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING HIGH PRESSURE  
INJECTION

Medical Conditions Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES, WIPE EXCESS  
FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND  
WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTION: DO  
NOT INDUCE VOM

ITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS  
LARGE QUANTITIES OF PRODUCT ARE INGESTED.

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

Flash Point Method:PMCC

Flash Point:380F,193C

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

Fire Fighting Procedures:MATERIALS WILL NOT BURN UNLESS PREHEATED. DO  
NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR, INCLUDING A  
POSITIVE PRESSURE NIOSH-A  
PPROVED RESPIRATOR.

Unusual Fire/Explosion Hazard:PRODUCT WILL FLOAT AND CAN BE REIGNITED  
ON SURFACE OF WATER.

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

Spill Release Procedures:USE CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE  
SPILLS. WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE.  
SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE  
WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK  
UPRESIDUE.

Neutralizing Agent:NONE

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

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

Other Precautions:NONE

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

Respiratory Protection:USE A NIOSH-APPROVED RESPIRATOR TO PREVENT  
OVEREXPOSURE.

Ventilation:USE LOCAL EXHAUST AND MECHANICAL VENTILATION.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:CHEMICAL RESISTANT PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health  
NONE

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:-10F,-23C

Spec Gravity:0.8827

Viscosity:42 CS

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CREAM WHITE LIQUID. SLIGHT HYDROCARBON ODOR.

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

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Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS.

Stability Condition to Avoid: AVOID HEAT, OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste Disposal Methods: FOLLOW ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS WHEN DISPOSING THIS MATERIAL.

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