

SHELL OIL COMPANY -- 54735,TORNUS OIL 40 -- 9150-00-135-2634

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

Product ID:54735,TORNUS OIL 40

MSDS Date:01/01/1987

FSC:9150

NIIN:00-135-2634

MSDS Number: BDBFX

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Emergency Phone Num:713-473-9461

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:PETROLEUM HYDROCARBONS

Fraction by Wt: 90%

ACGIH TLV:5 MG/CUM(MIST)

Ingred Name:ADDITIVES(CONTAINING CA,N,S)

Fraction by Wt: 10%

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

Effects of Overexposure:VAPORS/MIST IRRITATS

RESPIRTRACT,DIZYNES,NAUS.PROLONGED/REPEATED CONTACT-DERM,OIL

ACNE,FOLICULITIS.

===== First Aid Measur

es =====

First Aid:SKIN:WASH W.SOAP & H*2O. EYES:FLUSH W. H*2O. INGESTED:DON'T INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point:430F/221C PMCC
Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CON TRS WITH H*2O.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS. ELIM IGNITION SOURCES. STOP LEAK. H*2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT. PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT, SHOVEL INTO METAL DRUMS:LG SPILL:DI KE W COMMERCIAL ABSORBENT,PUMP INTO COVERED DRUMS.

===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENT,LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions:WASH W.SOAP & WATER AFTER HANDLING.PROPERLY DISPOSE OF CONTAMINATED ARTICLES,LEATHER(INCLUDING SHOES) THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NIOSH/MSHA/MESA APPROVD SCBA,AIR SUPPLD RESPIR.
Ventilation:
LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES/GOGGLES.
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.
Supplemental Safety and Health

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

HCC:V6
Spec Gravity:0.90
Solubility in Water:NEGLIGIBLE
Appearance and Odor:BLACK OIL,HYDROCARBON ODOR.
Percent Volatiles by Volume:UNK

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

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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH TEMPERATURES, IGNITION SOURCES MIST FORMING.

Hazardous Decomposition Products: MAY FORM TOXIC MATL. CO*2, CO, VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods: INCINERATE IN APPROVED INCINERATOR OR DISPOSE OF IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

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