

SHELL OIL CO -- TORCULA OIL 320 -- 9150-00-142-9320

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

Product ID:TORCULA OIL 320

MSDS Date:12/11/1995

FSC:9150

NIIN:00-142-9320

MSDS Number: CCLNS

=== Responsible Party ===

Company Name:SHELL OIL CO

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4201/2252

Emergency Phone Num:713-473-9461,800-424-9300(CHEMTREC)

CAGE:93508

=== Contra

ctor Identification ===

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

Company Name:SHELL OIL CO

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-473-9461/800-424-9300(CHEMTREC)

CAGE:93508

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

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0

Fraction by Wt: 60-80%

Other REC Limits:NONE RECOMME

NDED

Ingred Name:MINERAL OIL,HYDROTREATED (SEVERE), PETROLEUM DISTILLATE,
HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035501

Fraction by Wt: 20-40%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES

Fraction by Wt: 3-5%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Haz

ards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE EYE, SKIN &
RESPIRATORY TRACT IRRITATION. INGESTION OF PRODUCT IS ONLY SLIGHTLY
TOXIC. CHRONIC: PROLONGED & REPEAED SKIN CONTACT MAY CAUSE
DERMATITIS, FOLLICULITIS OR OIL ACN E.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS,
FOLLICULITIS, OIL ACNE. INHALATION: IRRITATION

OF UPPER RESPIRATORY

TRACT. INGESTION: SLIGHTLY TOXIC.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL
ATTENTION IF SYMPTOMS PERSIST. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL
ATTENTION. IN HALATION: MOVE T

O FRESH AIR. PROVIDE OXYGEN/CPR IF

NEEDED. GET MEDICAL ATTENTION IF NEEDED. INGESTION: DO NOT INDUCE
VOMITING. GENERALLY NOT NEEDED UNLESS LARGE AMOUNTS INGESTED.GET
MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:510F,266C

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND
REIGNITE.

Fire Fighting Procedures:MATERIAL WIL

L NOT BURN UNLESS PREHEATED. COOL

FIRE EXPOSED CONTAINERS WITH WATER. DO NOT ENTER CONFINED SPACE W/O FULL BUNKER GEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:MAY BURN BUT NOT READILY IGNITABLE. STOP LEAK. DIKE AND CONTAIN SPILL. REMOVE FREE LIQUID WITH VACUUM TRUCKS OR PUMP TO SALVAGE VESSEL. SOAK UP RESIDUE WITH ABSORBENT. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. ABSORB SMALL SPILLS WITH ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE AWAY FROM OPEN FLAMES, HIGH TEMPERATURES, OXIDIZING MATERIALS..

Other Precautions:MINIMIZE SKIN CONTACT. DO NOT BREATHE MISTS OR VAPORS. DO NOT GET IN EYE, OR ON CLOTHING. AVOID WATER CONTAMINATION.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF EXPOSURE EXCEEDS LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:PROVIDE ADEQUATE MECHANICAL VENTILATION/LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW THE RECOMMENDED LIMITS.

Protective Gloves:NITRILE GLOVES RECOMMENDED.

Eye Protection:SAFETY GOGGLES RECOMMENDED.

Other Protective Equipment:WEAR CHEMICAL RESISTANT PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Vapor Pres: