

SHELL OIL COMPANY -- SHELL TURBO(R) T OIL 32 -- 9150-00-985-7231

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Product Identification
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Product ID:SHELL TURBO(R) T OIL 32

MSDS Date:11/14/1994

FSC:9150

NIIN:00-985-7231

MSDS Number: BYBZR

=== 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 HO
UR EMERGENCY)

CAGE:54527

=== Contractor 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 COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:SHELL TURBO OIL 32

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROL

EUM DISTILLATES, HYDROTREATED

(MILD), HEAVY PARAFFINIC

CAS: 64742-54-7

RTECS #: PY8035500

Fraction by Wt: 98-99%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Ingred Name: MINOR ADDITIVE

Fraction by Wt: 1-2%

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: ORAL LD50 (RAT) IS 5 MG/M3 OIL MIST

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP:

NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: EYES: PRESUMED NON-IRRITATING. SKIN:

PRESUMED 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.

INGESTION: SLIGHTLY TOXIC.

Explanation of Carcinogenicity: THIS PRODUCT AND ITS COMPONENTS ARE NOT
CLASSIFIED AS CARCINOGENIC B

Y IARC, NTP OR OSHA.

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

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

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

First Aid: EYES-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL AID.
SKIN-REMOVE CONTAMINATED CLOTHING/SHOES, WIPE EXCESS F
ROM SKIN.

FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER. IF
IRRITATION OCCURS, GET MEDICAL AID. INHALATION-REMOVE TO FRESH AIR
& GIVE OXYGEN IF BREATHING IS DIFFICULT. INGEST-DO NOT INDUCE
VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE
AMOUNTS SWALLOWED.

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

Flash Point Method: PMCC

Flash Point: 430F, 221C

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON
DIOXIDE. DO N

OT 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-APPROVED 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 UP RESIDUE.

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:MINIMIZE SKIN CONTACT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORDANCE WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR FOR ORGANIC VAPOR AND PARTICLES.

Ventilation:USE LOCAL EXHAUST AND MECHANICAL VENTILATION.

Protective Gloves:NITRILE GLOVES.

Eye Protection:NO SPECIAL EYE PROTECTION IS NEEDED.

Other Protective Equipment:CHEMICAL RESISTANT PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health

MSDS PRESENTED BY CAGE 0T5C6 FOR CONTRACT SP0451-96-MQ043.

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:-20F,-29C

Vapor Pres: