

SHELL OIL COMPANY -- TURBO T OIL 68 (2135 TH),65605 -- 9150-00-584-2560

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

Product ID:TURBO T OIL 68 (2135 TH),65605

MSDS Date:11/29/1995

FSC:9150

NIIN:00-584-2560

MSDS Number: CFFFC

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4141/225

2 FAX -6511

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

CAGE:54527

=== Contractor Identification ===

Company Name:NAUGHTON ENERGY CORP

Address:RT 940

Box:709

City:POCONO PINES

State:PA

ZIP:18350-0709

Country:US

Phone:570-646-0422

CAGE:1DL10

Company Name:SHELL OIL COMPANY

Address: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,HYDROTRE

ATED
(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/ADDITIVES

Fraction by Wt: 1 - 2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 MG/KG.

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

Reports of Carcinogenicity:NTP:NO IARC:NO O

SHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- LUBRICATING OILS ARE GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO EYES & SKIN. INHALATION OF VAPOR (GENERATED AT HIGH TEMPERATURE S ONLY)/OIL MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT. SLIGHTLY TOXIC IF SWALLOWED. CHRONIC- DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, TISSUE DAMAGE A FEW HOUR

S AFTER HIGH PRESSURE INJECTION

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS OCCUR. EYE:FLUSH WITH WATER. HOLD EYELIDS OPEN. SKIN:WIPE EXCESS OFF. WASH SKIN WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF MATERIAL IS INJECTE

D UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ADVICE.

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

Flash Point Method:COC

Flash Point:470F,243C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:DO NOT

ENTER ANY ENCLOSED OR CONFINED AREA
WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE. COOL CONTAINERS
WITH WATER SPRAY.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE SPILL WITH
INERT ABORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER
CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR
W
ATERWAYS. FLUSH AREA WITH WATER T O REMOVE TRACE RESIDUE.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A DRY PLACE AWAY FROM OPEN
FLAMES AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.
Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS
SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF
REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED
SKIN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. IF
HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH APPROVED
CHEMICAL CARTRIDGE RESPIRATOR FOR ORGANIC VAPORS AND MISTS. REFER
TO 29 CFR 1910.134.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).

Protective Gloves:NITRILE IF FREQUENT CON
TACT EXPECTED

Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P T

ext:0F,-18C
Vapor Pres: