

SHELL OIL COMPANY -- SHELL NORTHIA OIL F -- 9150-01-180-0268

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

Product ID:SHELL NORTHIA OIL F

MSDS Date:07/22/1985

FSC:9150

NIIN:01-180-0268

MSDS Number: BGPXB

=== 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 EMERGE
NCY)

Preparer's Name:JOHN P SEPESI

CAGE:54527

=== Contractor Identification ===

Company Name:COLONIAL TRUCK SALES INC

Address:1833 COMMERCE RD

Box:City:RICHMOND

State:VA

ZIP:23224-7801

Country:US

Phone:804-232-3492

CAGE:5A850

Company Name:GENERAL MOTORS CORP

Address:GENERAL MOTORS BUILDING 3044 GRAND BLVDW

Box:City:DETROIT

State:MI

ZIP:48202-3091

Country:US

Phone:301-258-1535

CAGE:24617

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: DISTILLATES, CLAY-TREATED HEAVY PARAFFINIC
CAS: 64742-36-5
Fraction by Wt: 99.5%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Ingred Name: 2,6-DI-TERT-BUTYL-P-CRESOL
CAS: 128-37-0
RTECS #: GO7875000
Fraction by Wt: 0.5%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 10 MG/M3
ACGIH TLV: 10 MG/M3; 9192

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

LD50 LC50 Mixture: LD5
0 (ORAL RAT) IS ESTIMATED < 5 G/KG
Routes of Entry: Inhalation: NO Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: EYE/SKIN/RESPIRATORY TRACT: MILDLY
IRRITATING.
Explanation of Carcinogenicity: NONE OF THE KNOWN CONSTITUENTS ARE
LISTED AS CARCINOGENS BY NTP, IARC, OSHA
Effects of Overexposure: INHAL(VAPORS/MIST)MAY CAUSE PULMONARY
IRRIT., DIZZINESS, NAUSEA; SKIN: PROLONGED/REPEATED EXPOS-
DERMATITI

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

First Aid: EYE: FLUSH W/H*20 FOR 15 MIN. HOLDING EYELIDS OPEN (GET MEDICAL
ATTEN); SKIN: REMOVE CONTAMINATED CLOTHING & WIPE OFF EXCESS; WASH
W/SOAP & WATER OR WATERLESS HAND CLEANER FOLLOWED BY SOAP & H*20; IF
IRRITATION PERSISTS, GET MED ATTEN; INHAL: GET FRESH AIR

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

Flash Point: 450F, 232C
Extinguishing Media: USE WATER FOG, FOAM, DRY CHEM./CO*2; DONOT USE DIRCT
H*2O STREAM
Fire Fighting

Procedures:COOL FIRE-EXPSD CONT W/H*2O;USE SCBA FOR
CONFINED SPACES.

Unusual Fire/Explosion Hazard:NONE UNUSUAL

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

Spill Release Procedures:SMALL SPILLS:TAKE UP W/AN ABSORBENT MATERIAL &
DISPOSE OF PROPERLY; LARGE SPILLS: WEAR RESPIRATOR & PROTECTIVE
CLOTHING AS REQUIRED;SHUT OFF LEAK SOURCE IF SAFE TO DO SO; DIKE &
CONTAIN;REMOVE W/VACCU UM TRUCKS OR PUMP TO STORAGE/SALVAGE
VESSELS.

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

Handling and Storage Precautions:MINIMIZE SKIN CONTACT; WASH W/SOAP &
WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES;
LAUNDER CONTAMINATED CLOTHING BEFOR REUSE.

Other Precautions:HEALTH HAZ. INFORM: PRODUCT NOT TESTED IN
LONG-TERM,CHRONIC EXPOSURE TESTS. POLYCYLIC AROMATIC HYDROCARBONS
STUDIES SUGGEST THE POSSIBILITY OF SKIN CANCER INDUCTION AFTER
PRLNGED/RPTD CONTACT

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

Respiratory Protection:ATMOSPHERE-SUPPLYING OR AIR PURIFYING RESPIRATOR
FOR ORGANIC VAPORS.

Ventilation:SUFFICIENT TO MAINTAIN AIR QUALITY BELOW TLV

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEM. GOGGLES

Other Protective Equipment:AS REQUIRED FOR THE TASK BEING PERFORMED.TO
MINIMIZE EXPOSUR

Supplemental Safety and Health
AVOID CONTACT WITH SKIN AND EYES.

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

HCC:V6

Boiling Pt:B.P. Text:>600

S

Specific Gravity:0.88

Solubility in Water:INSOLUBLE

Appearance and Odor:CREAM WHITE LIQUID, SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL

Stability Condition to Avoid:AVOID HEAT,OPEN FLAMES,OXIDIZING MATERIAL
& MIST FORMATION

Hazardous Decomposition Products:CARBON MONOXIDE & UNIDENTIFIED ORGANIC
CMPDS.MAY BE FORMED

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

Waste Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN
COMPLIANCE W/LOCAL REGULATIONS. THIS PRODUCT IS AN "OIL" UNDER THE
CLEAN WATER ACT; KEEP OUT OF SURFACE WATERS & ANY WATER COURSES OR
SEWERS ENTERING OR LEADING TO SURFACE WATERS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.