

SHELL OIL COMPANY -- SHELL SOL 140 HT -- 6850-00-274-5421

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

Product ID:SHELL SOL 140 HT

MSDS Date:07/20/1994

FSC:6850

NIIN:00-274-5421

MSDS Number: BJKML

=== 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 EMERGENCY)

Preparer's Name:G.A.VAN GELDER

CAGE:54527

=== Contractor Identification ===

Company Name:CHEMCENTRAL/SAN ANTONIO, SUB OF CHEMCENTRAL CORP

Address:1107 E SOUTH CROSS

Box:23188

City:SAN ANTONIO

State:TX

ZIP:78223

Country:US

CAGE:4P647

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE:0WA27

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-695

0
CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:NAPHTHA, MEDIUM ALIPHATIC
CAS:64742-88-7
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS >25 ML/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:ALMO
ST NONIRRITATING.

SKIN:MILD IRRITATION. INHALATION: NOSE, THROAT & RESPIRATORY
IRRITANT. HIGH VAPOR AMOUNTS MAY RESULT IN CNS DEPRESSION AND
DEATH. INGESTION: VOMITING, NAUSEA, ASPIRATION PNEUMONITIS,
CHEMICAL PNEUMONITIS, PULMONARY EDEMA OR DEATH. CHRONIC-SKIN:
DERMATITIS.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE: TEMPORARY REDNESS & PAIN. SKIN:
IRRITATION. INHALATION:

HEADACHE, DROWSINESS, DIZZINESS, CONFUSION,
NAUSEA, TREMORS, INCOORDINATION & DIFFICULTY BREATHING. INGESTION:
SWELLING OF ABDOMEN, HEADACHE, DEPRESSION. IF LIQUID IS ASPIRATED
INTO LUNGS DEATH CAN RESULT.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYES, SKIN, OR
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF HARD TO BREATHE

& CPR IF NO BREATHING. SEE DOCTOR. EYES:FLUSH WITH WATER FOR 15
MINUTES HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED
CLOTHES . FLUSH THEN WASH WITH SOAP AND WATER. INGESTION: DO NOT
INDUCE VOMITING. IF VOMITING OCCURS NATURALLY, KEEP HEAD BELOW HIPS
TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. SEE DOCTOR
IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:145F,63C
Autoignition Temp:Autoigni

tion Temp Text:205 C

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE WATER FOG, CO2, FOAM, OR DRY CHEMICAL. DON'T USE DIRECT WATER STREAMS. PRODUCT CAN FLOAT/REIGNITE ON WATER SURFACE

Fire Fighting Procedures:CAUTION. COMBUSTIBLE. DON'T ENTER CONFINED AREA WITH OUT FULL BUNKER GEAR & POSITIVE PRESSURE NIOSH APPROVED SCBA. COOL FIRE EXPOSED CONTAINER WITH WATER.

Unusual Fire/Explosion Hazard:COOL HEAT EXPOSED CONTAINERS AND AREA WITH WATER SPRAY. EXPOSED CONTAINERS SHOULD BE COOLED TO PREVENT VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:SPILL-SMALL SPILL:SOAK UP LIQUID WITH INERT ABSORBENT MATERIAL. PUT IN SUITABLE, COVERED, LABELLED CONTAINER. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE-STORE IN COOL, DRY, WELL

VENTILATED AREA, OUT OF DIRECT SUNLIGHT & AWAY FROM IGNITION SOURCES. BOND & GROUND EQUIPMENT.

Other Precautions:STORE-DO NOT CUT, GRIND, DRILL OR WELD NEAR CNTNRS. VAPORS MAY ACCUMULATE & TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE; FLASH-FIRE CAN RESULT. EXTINGUISH PILOT LIGHTS & CIGARETTES.

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

Respiratory Protection:AVOID CHRONIC BREATHING OF VAPORS. IF VAPORS EXCEED PEL(TLV), USE NIOSH/MSHA APPROVED ATMOSPHERE-SUPPLYING OR AN AIR- PURIFYING (ORGANIC VAPORS) RESPIRATOR.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURE

DURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. AIR-DRY CONTAMINATED CLOTHING IN A WELL VENTILATED AREA THEN LAUNDRER BEFORE REUSING.

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

HCC:V4

Boiling Pt:B.P. Text:350F,177C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres: