

SHELL OIL COMPANY -- SHELL SOL 140 HT (SHELL CODE:83178) -- 6850-00-637-6135

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

Product ID:SHELL SOL 140 HT (SHELL CODE:83178)

MSDS Date:02/27/1992

FSC:6850

NIIN:00-637-6135

MSDS Number: BQKPP

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

Preparer's Name:G. A. VAN GELBER

CAGE:54527

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-473-9461

CAGE:86961

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

C

country:US
Phone:800-231-6950
CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:SHELL SOL 140 HT (A COMPLEX COMBINATION OF PREDOMINANTLY
C9- C12 HYDROCARBON; EXACT COMPOSITION WILL VARY.

CAS:64742-88-7

RTECS #:9999999ZZ

Fraction by Wt: 100.0%

Other REC Limits:100 PPM

OSHA PEL:100 PPM TWA

ACGIH TLV:100 PPM

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Hazards Identification
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LD50 LC50 Mixture:ORAL RAT :>25ML/KG; DERMAL >4ML/KG

Routes of Entry: In

halation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE-LIQUID IS PRACTICALLY

NONIRRITATING TO THE EYES. SKIN-LIQUID IS SLIGHTLY IRRITATING TO
THE SKIN. INHALATION-VAPORS MAY CAUSE IRRITATION TO NOSE, THROAT &
RESPIRATORY TRACT. INGESTION-INGESTION OF PRODUCT MAY RESULT IN
VOMITING; ASPIRATION OF VOMITUS INTO THE LUNGS MAY RESULT IN
ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:NOT A CARCINOGEN

Effects of Overexposure:EARLY TO MODERATE CNS DEPRESSION MAY BE
EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA; IN EXTREME
CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. ASPIRATION PNEUMONITIS
MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS
(BLuish SKIN); IN SEVERE CASES DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYE:FLUSH WITH PLENTY OF
WATER FOR 15 MIN. GET MEDICAL HELP.

SKIN:REMOVE CONTAMINATED CLOTHING/SHOES, WASH BEFORE REUSE. WASH
W/SOAP & WATER. SEEK MEDICAL HELP IF IRRITATION PERSISTS.

INHALATION:REMOVE TO FRESH AIR, GIVE CPR/O2 IF BREATHING IS
DIFFICULT. INGESTION:DO NOT INDUCE VOMITING,IF IT OCCURS KEEP HEAD
BELOW HIPS. GET MEDICAL HELP.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:143F,62C

Lower Limits:1

Upper Limits:7

Extinguishing Med

ia:USE WATER, FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. DONT USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE.

Fire Fighting Procedures:CAUTION. COMBUSTIBLE. DO NOT ENTER CONFINED SPACE WITHOUT BUNKER GEAR, INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. WEAR RESP & PROTECT CLOTH. DIKE & CONTAIN. REMOVE W/VACUUM TRUCKS/PUMP TO VESSELS. SOAKUP RESIDUE W/ABSORBENT(CLAY,SAND,OTHER SUITABLE MATL). FLUSH AREA W/WATER TO REMOVE R ESIDUE. SEE SUPPLEMENTAL FOR ADDTN INFO.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STATIC ELECTRICITY MAY AC CUMULATE &

CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND & GROUND TRANSFER CONTAINERS & EQUIPMENT.

Other Precautions:CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILIAR OPERATIONS ON OR NEAR CONTAINER. DO NOT PRESSURIZE DRUM CONTAINERS TO E MPTY THEM.

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

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS;

IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

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

Protective Gloves:NITRILE MATERIAL.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:WEAR CHEMICAL RESISTANT GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:AIR-DRY CONTAMINATED CLOTHING IN A WELL VENTILATED AREA THEN LAUNDER BEFO

RE REUSE.

Supplemental Safety and Health

REPORT SPILLS INTO OR LEADING TO SURFACE WATERS CAUSING A SHEEN TO
NATIONAL RESPONSE CENTER:800-424-8801. PART A OF THIS NSN IS SAME
AS PART B, THEREFORE BEING DELETED. PART B WILL BE CHANGED TO PART
A.

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

HCC:V4

Boiling Pt:B.P. Text:368F,187C

Vapor Pres: