

SHELL OIL COMPANY -- SHELL SOL 140 HT -- 6850-00-285-8011

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

Product ID:SHELL SOL 140 HT

MSDS Date:06/21/1993

FSC:6850

NIIN:00-285-8011

MSDS Number: BTHMK

=== 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 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 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:SHELL SOL 140 HT

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

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

LD50 LC50 Mixture:ORAL RAT :>25ML/KG; DERMAL >4ML/KG
Routes of Entry: Inhalation: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 &
RESPI
RATORY 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 SEV
ERE CASES DEATH MAY OCCUR.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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.

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

Flash Point Method:TCC
Flash Point:145F,63C
Lower Limits:1
Upper Limits:7
Extinguishing Media: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 BREATH

ING 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.

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

Spill Release Procedures:CAUTION. COMBUSTIBLESMALL SPILLTAKE UP WITH AN ABSORBANT MATERIAL & PLACE IN NON-LEAKING CONTAINER FOR PROPER DISPOSAL.

Neutralizing Agent:NONE

===== Handling and Storage =====
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Handling and Storage Precautions:STATIC ELECTRICITY MAY ACCUMULATE & 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 EM PTY 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 BEFORE REUSE.

Supplemental Safety and Health

D.O.T. PROPER SHIPPING NAME: PETROLEUM NAPHTHA.RECORD AMMENDED ON 05FEB97;HCC WAS INCORRECT.

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

HCC:V4

Boiling Pt:B.P. Text:360-415F

Vapor Pres: