



SHELL SOL 140 HT

MSDS Number

BTHMK

National Stock Number

6850-00-285-8011

Product Name

SHELL SOL 140 HT

Manufacturer

SHELL OIL COMPANY

Product Identification

Product ID:SHELL SOL 140 HT

MSDS Date:06/21/1993

FSC:6850

NIIN:00-285-8011

MSDS Number: BTHMK

Responsible Party

SHELL OIL COMPANY

1 SHELL PLAZA

HOUSTON , TX 77001

US

Emergency Phone: 713-473-9461 (24 HOUR EMERGENCY)

Info Phone: 713-241-4819

Preparer: G. A. VAN GELBER

Cage: 54527

Contractor

SHELL OIL COMPANY

2609

HOUSTON, TX 77210

US

800-231-6950

Cage: 54527

Ingredients

SHELL SOL 140 HT

CAS: 64742-88-7

RTECS: 9999999ZZ

Fraction By Weight: 100.0%

OSHA PEL100 PPM TWA

ACGIH TLV: 100 PPM

Hazards

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 &



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.

First Aid

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

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 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.

Accidental Release

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

Neutralizing Agent:NONE

Handling

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 SIMILAR OPERATIONS ON OR NEAR CONTAINER. DO NOT PRESSURIZE DRUM CONTAINERS TO EMPTY THEM.

Exposure Controls

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 LAUNDRER BEFORE REUSE.

Supplemental Safety and Health

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

Chemical Properties

HCC:V4



Boiling Pt:B.P. Text:360-415F
Vapor Pres:Vapor Density:5.3
Spec Gravity:0.79
Evaporation Rate & Reference:0.03 (N-BU AC=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIGHT COLORED LIQUID, HYDROCARBON ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS.
Stability Condition to Avoid:AVOID HEAT, FLAME.
Hazardous Decomposition Products:CARBON MONOXIDE & UNIDENTIFIED ORGANIC
COMPOUNDS MAY BE FORMED DURING COMBUSTION.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH STATE, LOCAL AND
FEDERAL REGULATIONS.

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