

SHELL CHEMICAL CO A DIV OF SHELL OIL CO. -- SHELL SOL 140 -- 6850-00-110-4498

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Product Identification
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Product ID:SHELL SOL 140

MSDS Date:08/29/1985

FSC:6850

NIIN:00-110-4498

MSDS Number: BCYYS

=== Responsible Party ===

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

Address:PRODUCT SAFETY AND COMPLIANCE

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Info Phone Num:713-241-4819

Emergenc

y Phone Num:713-473-9461

Preparer's Name:JOHN P. SEPESI

CAGE:86961

=== Contractor Identification ===

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

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Composition/Information on Ingredients
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Ingred Name:PARAFFINS

Fraction by Wt: 55%

Ingred Name:NAPHTHENES

Fraction by Wt: 40%

Ingred Name:AROMATICS

Fraction by Wt: 5%

Ingred Name:OLEFINS

Fraction by Wt:

0.1%

Ingred Name:SHELL SOL 140 (SOLVENT NAPHTHA, MEDIUM ALIPHATIC)

CAS:64742-88-7

Fraction by Wt: 100%

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:>25 ML/KG (ORAL RAT)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE CONTACT: PRACTICALLY

NONIRRITATING. SKIN CONTACT: SLIGHTLY IRRITATING. PROLONGED OR REPEATED MA

Y CAUSE DERMATITIS. INHALATION: NOSE, THROAT AND

RESPIRATORY TRACT IRRITATION. HIGH CONCENTRATIONS MA Y CAUSE CNS DEPRESSION. INGESTION: MAY RESULT IN VOMITING. ASPIRATION MAY RESULT IN ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:NOT LISTED

Effects of Overexposure:IRRITATION. CENTRAL NERVOUS SYSTEM DEPRESSION

MAY BE EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA, EXTREME CASES MAY CAUSE UNCONSCIOUSNESS AND DEATH. ASPIRATION PNEUMONITIS MAY BE EVIDENCED

BY COUGHING, LABORED BREATHING AND

CYANOSIS (BLUISH SKIN) IN SEVERE CASES DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND

RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES. WASH SKIN WITH SOAP & WATER. INHALATION: REMOVE VICTIM TO FRES

H AIR & GIVE OXYGEN

IF BR EATHING IS DIFFICULT. GIVE CPR IF NOT BREATHING. INGESTION:

DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:142F,61.1C

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLO

AT & CAN BE
REIGNITED.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL
PROTECTIVE 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 VAPOR PRESSURE BUILDUP
WHICH COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:CAUTION: COMBUS
TIBLE. ELIMINATE POTENTIAL

SOURCES OF IGNITION. WEAR NIOSH APPROVED RESPIRATOR & PROTECTIVE
CLOTHING FOR LARGE SPILLS. DIKE & SOAK UP WITH ABSORBENT SUCH AS
CLAY OR SAND. PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP LIQUID & VAPOR AWAY FROM HEAT,
SPARKS & FLAME. EXTINGUISH ALL SOURCES OF IGNITION PRIOR TO USE &
UNTIL VAPORS ARE GONE. KEEP
CONTAINERS CLOSED.

Other Precautions:EMPTY CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. VAPORS
MAY ACCUMULATE & TRAVEL TO IGNITION SOURCES DISTANT FROM THE
HANDLING SITE: FLASH-FIRE CAN RESULT. USE WITH ADEQUATE
VENTILATION.

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

Respiratory Protection:USE A NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE. EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN
AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE

EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL
VAPOR CONCENTRATIONS.

Protective Gloves:NITRILE GLOVES

Eye Protection:SAFETY GLASSES OR GOGGLES

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

Work Hygienic Practices:AIR-DRY CONTAMINATED CLOTHING IN A WELL
VENTILATED AREA THEN LAUNDRER BEFORE REUSING.

Supplemental Safety and Health

MATERIAL IS A COMPLEX COMBINATION OF PREDOMINANTLY C9-C12 HYDROCARBONS;
EXACT COMPOSITION

ON WILL VARY. CAS NUMBER IS 64742-88-7 FOR MIXTURE.

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

HCC:V4

Boiling Pt:B.P. Text:371-416F

Vapor Pres: