

SHELL OIL COMPANY -- 84044 SHELL SOL 142HT (SUR DRI)(PD680 TYPE II) -- 6850-00-274-5421

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Product Identification  
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Product ID:84044 SHELL SOL 142HT (SUR DRI)(PD680 TYPE II)

MSDS Date:07/20/1994

FSC:6850

NIIN:00-274-5421

MSDS Number: BQKPD

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-24

1-4819/4141/2252 FAX -6511

Emergency Phone Num:800-424-9300(CHEMTREC)/713-473-9461

Preparer's Name:J.C.WILLETT

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

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Composition/Information on Ingredients  
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Ingred Name:SHEL

L SOL 142 HT (COMPLEX COMBINATION OF PREDOMINANTLY  
C9-C12 HYDROCARBONS;EXACT COMPOSITION WILL VARY)

CAS:64742-88-7

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL RAT LD50 >25MG/KG (SIMILAR PRODUCT)

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

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

Health Hazards Acute and Chronic:EYE:LIQ PRACTICALLY NON-IRRIT.SKIN:LIQ  
SLIGHTLY I

RRIT,PROL/REP CONTACT CAN RESULT IN DEFATTING,DRYING OF  
SKIN RESULTING IN IRRIT,DERM.INHAL:VAP MAY CAUSE IRRIT TO  
NOSE/THROAT/RESP TRACT.HIGH VAPOR CON CEN MAY RESULT IN CNS  
DEPRESS.INGEST:MAY RESULT IN VOMIT,ASPIRAITON OF VOMITUS INTO LUNGS  
AVOIDED EVEN SM QUANT(SUPPLE)

Explanation of Carcinogenicity:NOT A CARCINOGEN.

Effects of Overexposure:IRRIT AS NOTED ABOVE.EARLY TO MODERATE CNS  
DEPRESS EVIDENCED BY GIDDINESS,HEAD,DIZZ,NAU.IN EXTREME CASES  
UNCOSNC,DEATH MAY OCCUR.AS

PIRAITON PNEUMONITIS MAY BE EVIDENCED BY  
COUG,LABOR BREATING,CYANOSIS (BLUISH SKIN);SEVERE CASES DEATH MAY  
OCCUR.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE,SKIN,RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPO TO THIS PRODUCT.

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

First Aid:EYE:FLUSH W/PLENTY OF WATER FOR 15MINS,HOLDING EYELIDS  
OPN.GET MED ATTN.SKIN:REMOVE CONTAM CLOTH/SOES.FOUSH W/WATER,FOLLOW  
BY WASH W/SOAP/WATER.IRRIT OCCURS GET M

ED ATTN.INHA:REMOVE TO FRESH  
AIR.BREAT H DIFFI PROVIDE OXY;NOT BREATH GIVE ARTRESP.INGEST:DONT  
INDUCE VOMIT.IF OCCURS SPONT KEEP HEAD BELOW HIPS TO PREVENT  
ASPIRATION OF LIQ INTO LUNGS.GET MED ATTN.NOTE TO DR:>2.0ML/KG  
INGEST,VOMIT(SUPPL)

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

Flash Point Method:TCC

Flash Point:145F,63C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE WATER FOG,FOAM,DRY CHEMICAL,CO2.

DONT USE DIRECT

STREAM OF WATER.PRODUCT WILL FLOAT & CAN BE REIGN ON SURF OF WATER.

Fire Fighting Procedures:CAUT-COMBUST.DONT ENTER CONF FIRE SPACE W/O FULL BUNKER GEAR(HELMET,FCSHIELD,BUNKER COAT,GLOV,RUBB BOOTS)INCLUDE +PRESS NIOSH APPROV SCBA.COOL FIRE EXPO (SUPPL)

Unusual Fire/Explosion Hazard:CNTNR EXPO TO INTENSE HEAT FRM FIRES SHOULD BE COOL W/H2O-PREVENT VAP PRESSUE BUILDUP RESULT IN RUPTURE.CNTNR AREA EXPO TO DIRECT FLAME CONTACT SHOULD (SUPPLE)

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Accidental Release Measures =====

Spill Release Procedures:CAUT-COMBUST.LG:REMOVE POT IGN SOURCES.WEAR APPROP RES/PORT CLOTH.SHUTOFF SOURCE W/RISK.DIKE/CONTAIN.REMOVE W/VACUUM TRUCKS/PUMP TO STORAGE/SALVAGE VESSEL.SOAKUP RESIDUE W/ABSORBENT(CLAY,SAND,SUITABLE MATL).PLACE IN NON LEAK CNTNR,SEAL TIGHT(NEUTRA)

Neutralizing Agent:SPILL:PROPER DISPO.SM:TAKEUP W/ABSORBENT,PLACE IN NONLEAK CNTNR FOR PROPER DISPO

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Handling and Storage =====  
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Handling and Storage Precautions:KEEP LIQ/VAP AWAY FRM HEAT/SPARK/FLAME.SURF SUFFFI HOT MAY IGN LIQ IN ABSENCE OF IGN SOURCE.EXT PILOTLITE,CIGARETTES,TURN OFF IGN SOURCE (OTHER PREC)

Other Precautions:PRIOR TO USE/TIL VAP GONE.VAP MAY ACCUMUL/TRAVEL TO IGN SOURCE DISTANT FRM HDNLG SITE:FLASHFIRE RESULT.KEEP CNTNR CLSD WHEN NOT IN USE.USE W/ADEQU VENTI.CNTNR CONTAIN EPXLO VAP EVEN EMPTIED.DONT CUT/D RILL/GRIND/ETC ON/NEAR CNTNR.GROUND/BOND

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Expos  
ure Controls/Personal Protection =====

Respiratory Protection:AVOID PROL/REP VAP BREATH.IF IEXPO MAY/DOES EXCEED OCCUPAT EXPO LIMITS USE NIOSH-APPROV RESP TO PREVENT OVEREXPO.IAW 29CFR1910.134 USE EITHER ATMOSPHER0SUPP RESP OR AIR-PURIFY RESP FOR ORGANIC VAPORS.

Ventilation:USE EXPLO-PROOF VENTIALTION AS REQUIRED TO CONTROL VAPOR CONCEN.

Protective Gloves:CHEM-RESIST GLVOES-NITRILE MATL.

Eye Protection:SAF GLASSES OR GOGG AS APPROPRIATE.

Other Protective Equipment:OTHER

CLOTHING AS REQUIRED TO MIN

CONTACT-NITRILE MATL.STATIC ELECTR MAY ACCUMULATE,CREATE FIRE HAZ.

Work Hygienic Practices:AIR DRY CONTAM CLOTH IN WELL VENTI AREA THEN  
LAUNDER BEF REUSE.WASH W/SOAP/H2O BEF EAT/DRINK/SMOKE/COSMETIC/USE  
TOILET.

Supplemental Safety and Health

FIRE/EXPLO:COOL W/LG H2O QUANT-PREVENT STRUCTURE WEAK. FIREFIGHT:CNTNR  
W/H2O. HEALTH:MAY RESULT IN ASPIRA PNEUITIS. 1ST AID:HASNT  
OCCUR,EMESIS SHOULD BE INDUCE W/SUPERVISION.KEEP VICTIMS HEAD BEL  
HIPS- PREV

ENT ASPIRA.SYMTP(LOSS OF GAG REFLEX,CONVULS,UNCONSC)OCCUR  
BEF EMESIS GASTRIC LAVAGE W/CUFF ENDOTRACEAL TUBE CONSIDER

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

HCC:V4

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

Melt/Freeze Pt:M.P/F.P Text:N/AVAI

Decomp Temp:Decomp Text:NP

Vapor Pres: