

SHELL OIL COMPANY -- 84004 WHELL SOL 142HT -- 6850-00-274-5421

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Product Identification
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Product ID:84004 WHELL SOL 142HT

MSDS Date:07/20/1994

FSC:6850

NIIN:00-274-5421

MSDS Number: BSYJV

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLAZA

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4141/2252 FAX -6511

Emergency Phone Num:713

-473-9461/800-424-9300(CHEMTREC)

Preparer's Name:J.C.WILLET

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:A COMPLEX COMBINATION OF PREDOMINANTLY C9-C12
HYDRO

CARBONS;EXACT COMPOSITION WILL VARY

CAS:64742-88-7

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:ORAL LD50(RAT)>25ML/KG-BASED ON SIM PROD

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYE:LIQ PRACTICALLY

NONIRRIT.SKIN:LIQUID SLIGHTLY IRRIT.PROL/REP CONTACT CAN RESULT IN
DEFATTING/DRYING WHICH MAY

RESULT IN IRRIT/DERM.INHAL:VAP MAY CAUSE

NOSE/THROAT/RESP TRACT IRRIT.HI VAP CONC MAY RESULT IN CNS

DEPRESS.INGEST:MAY RESULTIN VOMIT.ASPIRATION(BREATH)OF VOMITUS INTO
LUNGS MUST BE AVOID EVEN SM (SUPPLE)

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRIT NOTED IN HEALTH HAZ.EARLY-MODERATE CNS
DEPRESS MAY BE EVIDENCED BY GIDDINESS,HEAD,DIZZ,NAU;IN EXTREME
CASES UNCONSC & DEAT

H MAY OCCUR.ASPIRATION PNEUMONITIS MAY BE

EVIDENCED BY COUGHING,LABORED BREATHING & CYANOSIS(BLUIISH SKIN);IN
SEVERE CASES DEATH MAY OCCUR

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

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===== First Aid Measures =====
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First Aid:EYE:FLUSH W/PLENTY OF WATER FOR 15MINS WHILE HOLDING EYELIDS
OPEN.GET MED ATTN.SKIN:REMOVE CONTAM CLOTH/SHOES.FLUSH
W/WATER.FOLLOW BY

WASHING W/SOAP/WATER.IRRIT OCCURS GET MED

ATTN.INHAL:REMOVE TO FRE SH AIR.PROVIDE OXY IF BREATH DIFFI.GIVEART
RESPIRATION IF NOT BREATH.INGEST:DONT INDUCE VOMIT.IF VOMIT OCCURS
SPONT KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQ INTO
LUNGS.GET MED ATTN.(SUPPLE)

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:145F,63C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE WATE

RFOG,FOAM,DRY CHEM,CO2.DONT USE DIRECT
STREAM OF WATER.PRODUCT FLOATS & CAN BE REIGN ON SURF OF WATER.
Fire Fighting Procedures:CAUT-COMBUST.DONT ENTER CONF FIRE SPACE W/O
FULL BUNKER GEAR(HELMET,FCSHIELD,COAT,GLOVE,RUBB BOOTS)PLUS +PRESS
NIOSH APPROV SCBA.COOL FIRE EXPO CNTNR W/WATER.
Unusual Fire/Explosion Hazard:CNTNR EXPO TO INTENSE HEAT FRM FIRE
SHOULD BE COOL W/H2O-PREVENT PRESS BUILDUP RESULT IN CNTNR
RUPTURE.CNTNR AREA EXPO TO DIRECT FLAME CONTACT SHOULD (OTH PREC)

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

Spill Release Procedures:CAUT-COMBUST.LG:ELIMINATE POT IGN SOURCES.WEAR
APPROP RESP/PPE.SHUT OFF LEAK W/O RISK.DIKE/CONTAIN.REMVOE W/VAC
TRUCKS/PUMP TO STORAGE/SALV VESS.SOAKUP RESIDUE
W/ABSORBENT(CLAY,SAND,SUITABLE MATL).PLA CE IN NONLEAK CNCN.SEAL
TIGHT FOR PROPER (NEUTRAL)
Neutralizing Agent:SPILL:DISPO.FLUSH AREA W/WATER TO REMOVE TRACE
RESIDUE;DISPO OF FLUSH AS ABOVE.

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

Handling and Storage Precautions:SURF SUFFI HOT MAY IGN LIQ W/O
SPARK/FLAME.EXT PILOT LIGHT/CIGARETTES/TURN OFF IGN SOURCES BEF/TIL
VAP GONE.VAP ACCUMUL,TRAVEL TO IGN,FLASHBACK.
Other Precautions:CNTNR,EVEN EMPTY,CONTAIN EXPLO VAP.DONT
CUT/DRILL/GRIND/WELD/PERFORM SIMILAR OPERATION ON/NEAR CNTNR.DONT
PRESSURIZE DR TO EMPTY.GOUND/BOND EQPMTS.FIRE/EXPLO:BE COOL W/LG
QUANT OF H2O AS NEEDED TO PRE VENT WEAKENING OF CNTNR STRUCTURE.

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Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID PROL/REP BREATH OF VAP.EXPO MAY OR DOES
EXCEED OCCUPAT EXPO LIMIT USE NIOSH-APPROV RESP TO PREVENT
OVEREXPO.IAW 29CFR1910.134 USE EITHER ATMOSPHER-SUPPLYING
RESPIRATOR OR AIR-PURIFYING RESPIRATO R FOR ORGANIC VAPORS.
Ventilation:USE EXPLO-PROOF VENTI AS REQUIRED TO CNTRL VAP CONC.
Protective Gloves:CHEM-RESIST GLOVES-NITRILE
Eye Protection:SAF GLASS,GOGG.AVOID EYE CONTACT
Other Protective Equipment:A

VOID PROL/REP SKIN CONTACT.WEAR OTHER
CLOTHING AS REQUIRED TO MIN CONTACT-NIRITILE.

Work Hygienic Practices:DONT REUSE CONT CLOTH TIL CLEAN.AIR-DRY CONT
CLOTH IN WELL VENTI AREA THEN LAUNDER BEF REUSE.WASH W/SOAP/H2O BEF
EAT/ETC

Supplemental Safety and Health

HEALTH:QUANT MAY RESULT IN ASPIRATION PNEUMONITIS. 1ST AID:DR:IF
>2.0ML/KG INGEST & VOMIT HASNT OCCUR EMESIS SHOULD BE INDUCE
W/SUPERVISION.KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.SYMPT(LIKE
LOSS O F GAG REFLEX,CON

VUL,UNCONSC)OCCUR BEF EMESIS GASTRIC LAVAGE
USING CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

===== 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: