

SHELL OIL COMPANY -- SPIRAX HEAVY DUTY 80W90 -- 9150-01-035-5393

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

Product ID:SPIRAX HEAVY DUTY 80W90

MSDS Date:01/01/1987

FSC:9150

NIIN:01-035-5393

MSDS Number: BGGLG

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Emergency Phone Num:(713) 473-9461

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

===== Composition/Information on Ingredients =====

Ingred Name:PETROLEUM HYDROCARBONS (ORAL (RAT) LD50 >5 G/KG

DERMAL(RABBIT)LD50 >2 G/KG)

Fraction by Wt: 93%

Ingred Name:MIXTURE OF ORGANICS WITH SULFUR AND PHOSPHORUS (ORAL (RAT)

LD50 3 TO 5 G/KG)

Fraction by Wt: 6%

Ingred Name:ACRYLATE POLYMER

Fraction by Wt: 2%

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

Effects of Overexposure:PULMONAR

Y IRRITATN POSSIBLE.DEFATTING OF
SKIN.PROLONGD/RPTD CONTACT-DERMATITIS,ACNE,EVEN SKIN CANCER

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First Aid Measures
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First Aid:EYE:IMMEDIATELY FLUSH W/WATER @ LEAST 15 MIN. SKIN:REMOVE OIL
BY WIPING OR APPLYING WATERLESS HAND CLEANER,FOLLOWED BY WASHING
W/SOAP & WATER.REMOVE ALL CONTAMINATED CLOTHING INGESTION:CONSULT
MEDICAL PERSONNEL.

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Fire Fighting Measures
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Flash Point:320-335F PMCC
Extinguishing Media:DRY CHEMICAL TYPE PREFERRED
Fire Fighting Procedures:NONE SPECIAL
Unusual Fire/Explosion Hazard:NONE UNUSUAL

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Accidental Release Measures
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Spill Release Procedures:ABSORB W/CLAY, D/ATOMACEOUS EARTH, OR OTHER
INERT MATERIAL.

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Handling and Storage
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Handling and Storage Precautions:AVOID BREATHING OIL MIST&VAPORS.AVOID
SKIN CONTACT.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.DISCARD

CONTAMINATED LEATHER GOODS.
Other Precautions:PETROLEUM HYDROCARBONS CONTAIN AROMATICS WHICH
CONTAIN POLYCYCLICS.SOME OF THESE HAVE INDUCED CANCER IN LAB
ANIMALS.SKIN CANCER MAYBE INDUCED IN MAN W/PROLONGD/RPTD CONTACT.
SEE SUPP DATA.

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR TO AVOID EXPOSURE
TO HOT VAPOR/MIST
Ventilation:LOCAL EXHAUST-AS REQUIRED TO PREVENT EXPOSURE TO VAPOR/MIST
Protective Glove
s:OIL RESIST-RBBR
Eye Protection:GOGGLES IF SPRAY/SPLASHED
Other Protective Equipment:APPROPRIATE CLOTHING TO AVOID SKIN CONTACT.
Supplemental Safety and Health
INHALATION OF MISTS ARISING FROM OILS CONTAINING CERTAIN POLYCYCLICS
MAY ALSO PRESENT A CANCER HAZARD.

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Physical/Chemical Properties
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HCC:V6
Spec Gravity:0.90
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DARK LIQUID, SLIGHT ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: HEAT & MIST FORMATION+EXCESSIVE HEAT

Hazardous Decomposition Products: CO, CO*2, SO*X, PO*X AND OXYGENATES CAN BE FORMED

===== Disposal Considerations =====

Waste Disposal Methods: CONTROLLED BURNING IN COMPLIANCE W/LOCAL REGULATIONS. DISPOSE IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

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