

SOUTHWESTERN PETROLEUM CORP -- 704 HYDRAULIC OIL -- 9150-01-345-6134

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

Product ID:704 HYDRAULIC OIL

MSDS Date:04/22/1994

FSC:9150

NIIN:01-345-6134

MSDS Number: BLMXY

=== Responsible Party ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:789

City:FORT WORTH

State:TX

ZIP:76101

Country:US

Info Phone Num:817-332-2336

Emergency Phone Num:817-332-23

36, CHEMTREC 800-424-9300

CAGE:14392

=== Contractor Identification ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:961005

City:FORT WORTH

State:TX

ZIP:76106

Country:US

Phone:817-348-7235

CAGE:14392

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

Ingred Name:RESIDUAL OILS, HYDROTREATED

CAS:64742-57-0

Fraction by Wt: SEE # 7%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT,DEWAXED RESIDUAL O

IL (PETROLEUM)
CAS:64742-62-7
Fraction by Wt: SEE # 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: SEE # 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: SEE # 7%
Other REC Limits:
NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:SOLVENT REFINED, HYDROTREATED LIGHT PARAFFINIC DISTILLATE
CAS:64742-55-8
RTECS #:PY8036500
Fraction by Wt: SEE # 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC
CAS:64742-56-9
RTECS #:PY8039500
Fraction by Wt: SEE # 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:REF

INED HEAVY PARAFFINIC DISTILLATES

CAS:64741-88-4

Fraction by Wt: >97%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:MAY BE MILDLY IRRITATING TO THE EYES.

PROLONGED OR REPEATED CONTACT MAY CAU

SE MILD IRRITATION AND

INFLAMMATION. ASPIRATION HAZARD.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, SKIN

INFLAMMATION, CHEMICAL PNEUMONIA.

Medical Cond Aggravated by Exposure:PERSONNEL WITH PRE-EXISTING SKIN

DISORDERS SHOULD AVOID CONTACT WITH THIS PRODUCT.

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

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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:>354F,>179C

Autoign

ition Temp:Autoignition Temp Text:>500F

Lower Limits:0.9 %

Upper Limits:7 %

Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, FOAM

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING. TOXIC GASES ARE RELEASED DURING COMBUSTION.

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

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Spill Release Procedures:USE INERT ABSORBENT MATERIAL TO CONFINE SPILLS
AND TO ABSORB MATERIAL. SCOOP INTO A DISPOSABLE CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH
TEMPERATURES.
Other Precautions:AVOID SKIN CONTACT. LAUNDER CONTAMINATED CLOTHING
BEFORE REUSE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR
SELECTION.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO
MAINTAIN EXPOSURE LEVELS.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:PROTECTIVE CLO
THING AS REQUIRED TO AVOID
SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:V6
Boiling Pt:B.P. Text:>559F,>293C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:> 5
Spec Gravity:0.9
Viscos

ity:SAE 15
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:INSOLUBLE
Appearance and Odor:RED COLORED LIQUID,, LUBE OIL ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, OPEN FLAME
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste
Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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