

DELTA PETROLEUM CO., INC -- TRACTOR HYDRAULIC FLUID -- 9150-01-177-9438

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

Product ID:TRACTOR HYDRAULIC FLUID

MSDS Date:04/02/1990

FSC:9150

NIIN:01-177-9438

MSDS Number: BJYCD

=== Responsible Party ===

Company Name:DELTA PETROLEUM CO., INC

Address:800 RIVER ROAD

City:ST. ROSE

State:LA

ZIP:70087

Country:US

Info Phone Num:504-467-1399

Emergency Phone Num:504-467-1399

, 303-289-4483

Preparer's Name:J. R. SWOAP

CAGE:7A348

=== Contractor Identification ===

Company Name:DELTA PETROLEUM CO., INC

Address:10352 RIVER ROAD,

Box:10397

City:ST. ROSE

State:LA

ZIP:70087

Country:US

Phone:504-832-2732

CAGE:7A348

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

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 84-94%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:5 MG/M3 (O

IL MIST)

Ingred Name:ETHYLENE-PROPYLENE POLYMER

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ADDITIVE PACKAGE CONTAINING CALCIUM AND MAGNESIUM

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

Ingred Name:ZINC DITHIO DIPHOSPHATE

CAS:68649-42-3

Fraction by Wt: 0.5-1%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN (EST >5MG/KG)

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

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

Health Hazards Acute and Chronic:ACUTE: INGESTION: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. SKIN: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT

SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, DERMATITIS AND EYE IRRITATION.

Medical Condition Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:COC

Flash Point:380F,193C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER OR FOAM MAY

Y CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER FOOTWEAR REQUIRED.

Other Precautions:WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED

CLOTHING AND LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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

HCC:V6

Spec Gravity:0.8927

Viscosity:9.5 CST @100C

Appearance and Odor:BRIGHT AND CLEAR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

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Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
ALDEHYDES AND KETONES, AND OTHER ASPHYXIANTS AND COMBUSTION
PRODUCTS OF NITROGEN/SULFUR

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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