

TEXACO INC -- 01883 TDH OIL -- 9150-01-177-9438

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

Product ID:01883 TDH OIL

MSDS Date:04/15/1996

FSC:9150

NIIN:01-177-9438

MSDS Number: CCSWJ

=== Responsible Party ===

Company Name:TEXACO INC

Address:1111 RUSK

Box:52332

City:HOUSTON

State:TX

ZIP:77052

Country:US

Info Phone Num:713-650-4000

Emergency Phone Num:713-650-4000

CAGE:3B431

=== Contractor Identification ==

=

Company Name:TEXACO PIPELINE INC (SUB OF TEXACO INC)

Address:9700 RICHMOND AVE

Box:42286

City:HOUSTON

State:TX

ZIP:77242-2286

Country:US

Phone:713-953-4260

CAGE:3B431

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

Ingred Name:KEROSENE 1-K

CAS:64742-71-8

RTECS #:PY8046000

Fraction by Wt: 35-50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC

CAS:64742-56-9

RTECS #:PY8039500

Fraction by Wt: 35-50%

Other REC Limits:NONE RECOMMEN

DED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 3-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ADDITIVES
Fraction by Wt: 1-3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP)
CAS:68649-42-3
Fraction by Wt: 1-3%
Other REC Limits:NONE
RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64742-53-6
RTECS #:PY8036000
Fraction by Wt: 1-3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:METHACRYLIC ACID, COPOLYMER OF BUTYL, LAURYL & STEARYL
ESTERS
CAS:68516-84-7
Fraction by Wt: 1-3%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5.00 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingesti

on:NO

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

Health Hazards Acute and Chronic:EYES-IRRITATION & TEMPORARY DISCOMFORT. SKIN-SLIGHT TO SEVERE IRRITATION & DISCOMFORT. INHALATION-IRRITATION OF THE NOSE, THROAT. INGESTION-ABDOMINAL DISCOMFORT.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:SKIN-LOCAL REDNESS & SWELLING.

INHALATION-HEADACHE, NUASEA AND DROWSINESS. INGESTION-NAUSEA AND DIARRHEA.

Medical Cond Aggravated by Exposure:REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:EYES-FLUSH WITH WATER FOR SEVERAL MIN. GET MEDICAL AID. SKIN-WASH WITH SOAP & WATER FOR SEVERAL MIN. GET MEDICAL AID. INGESTION-IF MORE THAN SEVERAL MOUTHFUL ARE SWALLOWED, GIVE 2 GLASSES OF WATER. GET MEDICAL AID. INHALATION-REMOVE TO FRESH AIR. GET MEDICAL AID IF BREATHING BECOMES DIFFICULT OR RESPIRATORY IRRITATION PERSISTS.

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

Flash Point Method:COC

Flash Point:380F,193C

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE TO EXTINGUISH FLAMES. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:NO SPECIAL EQUIPMENT OR PROCEDURES REQUIRED.

Unusual Fire/Explosion Hazard:HYDROGEN SULFIDE MAY BE RELEASED IF OVERHEATED.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL & SHOVEL UP. PREVENT ENTRY INTO SEWER & WATERWAYS. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

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

Handling and Storage Precautions:PERIODS OF EXPOSURE TO HIGHTEMPERATURE SHOULD BE MINIMIZED. WATER CONTAMINATION

SHOULD BE AVOIDED.

Other Precautions:WASH HANDS WITH SOAP AND WATER BEFORE EATING,
DRINKING, OR SMOKING. DO NOT CREAT MIST AND AVOID INHALING MIST OR
VAPORS.

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

Respiratory Protection:IF VAPOR, MIST OR DUST GENERATED AND THE
OCCUPATIONAL EXPOSURE LIMITS OF THE PRODUCT IS EXCEEDED, USE
APPROPRIATE NIOSH OR MSHA APPROVED AIR PURIFYING OR AIR SUPPLIED
RESPIRATOR AFTER CONTAMINATION LEVEL IS DETERMINED.

Ventilati

on:ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPAOSURE LIMITS.

Protective Gloves:WASH EXPOSED SKIN SEVERAL TIMES A DAY.

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES/SHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

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

REMOVE OIL-SOAKED CLOTHING AND LAUNDER BEFORE REUSE. DISCARD

CONTAMINATED LEATHER G

LOVES AND SHOES.

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

HCC:V6

Spec Gravity:0.8927

Viscosity:9.1 CST

Appearance and Odor:DARK RED LIQUID. PERTOLEUM OIL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:TOXIC LEVELS OF CARBON MONOXIDE,
CARBON DIOXIDE, IRRITATING ALDEHYDES/KETON

ES & COMBUSTION PRODUCTS

OF ZINC, PHOSPHORUS.

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

Waste Disposal Methods:THIS PRODUCT HAS BEEN EVALUATED FOR RCRA
CHARACTERISTICS & DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE
IF DISCARDED IN ITS ORIGINAL PURCHASED FORM UNDER RCRA. DISPOSE OF
WASTE IN ACCORDANCE WITH L OCAL, STATE AND FEDERAL REGULATIONS.

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r use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.