

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

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

Product ID:TDH OIL,01883

MSDS Date:07/29/1991

FSC:9150

NIIN:01-177-9438

MSDS Number: BSFKW

=== Responsible Party ===

Company Name:TEXACO INC.

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:914-838-7204

Emergency Phone Num:914-838-7609/800-424-9300(CHEMTREC)

CAGE:38431

=== Contractor Identi

fication ===

Company Name:DIGITAL CONTROL SYSTEMS INC

Address:3160 GRAND MARAIS E

Box:City:WINDSOR, N8W 4W5

State:ON

Country:CN

Phone:NONE

CAGE:38431

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:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC DISTILLATE.

TOTAL PERCENTAGE OF INGREDIENTS 1 AND 2:

4 - 11)

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES/PETROLEUM DISTILLATES
(NAPHTHA)

CAS:64741-88-4

Fraction by Wt: SEE # 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST).

ACGIH TLV:5 MG/M3 (OIL MIST).

Ingred Name:ZINC ALKYL DITHIOPHOSPHATE

CAS:68649-42-3

Fraction by Wt: 1 - 4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:

BUTYL BENZYL PHTHALATE (SARA III)

CAS:85-68-7

RTECS #:TH9990000

Fraction by Wt: 0.1 - 1%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 0 - 0.1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0 - 0.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1028

ACGIH TLV:10 PPM; A2; 9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:

SOLVENT REFINED HYDROTREATED, DEWAXED HEAVY PARAFINIC
DISTILLATE

CAS:64742-65-0

Fraction by Wt: 80 - 85%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5,000 MG/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- EYE CONTACT CAN CAUSE
IRRIT

ATION. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING.
INHALATION OF VAPORS/OIL MIST MAY BE IRRITATING TO UPPER
RESPIRATORY TRACT. MAY CAUSE ABDOMINAL DISCOMFORT , NAUSEA,
VOMITING, IF INGESTED LARGE AMOUNTS. CHRONIC- NONE. TARGET
ORGANS:SKIN, EYES.

Effects of Overexposure:EYES, SKIN, RESPIRATORY TRACT IRRITATION,
NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR
15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WIPE EXCESS. WASH SKIN WITH
SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED. ORAL:IF CONSCIOUS, DRINK 2 GLASSES OF WATER. CALL A
PHYSICIAN IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:380F,193C

Extinguishing Me

dia:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT
USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE
REIGNITED.

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

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. STOP LEAK. DI

KE

SPILLS. USE PUMP TO TRANSFER SPILLS TO CONTAINER FOR DISPOSAL.
REMAINING LIQUID/SMALL SPILLS CAN BE TAKEN UP ON SAND, CLAY, EARTH
& SHOVELD INTO CONTAINERS. PREVENT RUN-OFF TO ENTER WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE
AWAY FROM EXCESSIVE HEAT, FLAMES & STRONG OXIDIZERS.

Other Precautions:AVOID CONTACT WITH SKIN, EYES, AND CLOTHING.

WASH

THOROUGHLY AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID
INHALING MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS
DUE TO THE RETENTION OF RESIDUES.

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

Respiratory Protection:NONE. IF TLV EXCEED, WEAR A NIOSH-APPROVED SELF
CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST FAN IS RECOMMENDED TO MAINTAIN CONCENTRATION
OF OIL MIST IN AIR BELOW RECOMMENDED TLV.

Protective Gloves:RUBBER

/OIL RESISTANT GLOVES RECOMMENDED

Eye Protection:SAFETY GOGGLES/FACE SHIELD IF NEEDED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME
NSN.

===== Physical/Chemical

Properties =====

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.8927

Viscosity:9 CST @ 212F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK REDLIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
ALDEHYDES, KETONES AND OXIDES OF NI

TROGEN, PHOSPHORUS, SULFUR, ZINC
MAY BE FORMED.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THIS
PRODUCT IS AN OIL. SPILLS INTO OR LEADING TO SURFACE WATERS THAT
CAUSE A SHEEN MUST BE REPO RTED TO THE NRC, 800-424-8802.

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