

TEXACO INC. -- 01537 AIRCRAFT HYDRAULIC OIL 15 -- 9150-00-223-4134
===== Product Identification =====

Product ID:01537 AIRCRAFT HYDRAULIC OIL 15

MSDS Date:12/05/1991

FSC:9150

NIIN:00-223-4134

MSDS Number: BRNJY

=== Responsible Party ===

Company Name:TEXACO INC.

Address:NONE

Box:509

City:BEACON

State:NY

ZIP:12508

Country:US

Info Phone Num:914-838-7336 914-838-7204

Emergency Phone Num:914-831-3400

800-424-9300(CHEMTREC)

Preparer's Name:MANAGER,PRODUCT SAFETY

CAGE:38431

=== Contractor Identification ===

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 INC CORPORATE HQ

Address:2000 WESTCHESTER AVE

City:WHITE PLAINS

State:NY

ZIP:10604

Country:US

Phone:914-253-4000

CAGE:59595

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

Ingred Name:SOLVENT REFINED HYDROTREATED

MIDDLE DISTILLATE (NO TLV/PEL
ESTABLISHED. ONES LISTED ARE FOR MINERAL OIL)

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 80-94.9%

Other REC Limits:ACGIH STEL 10 MG/CUM

OSHA PEL:5 MG/CUM (MIST)

ACGIH TLV:5 MG/CUM (MIST)

Ingred Name:METHACRYLIC ACID;COPOLYMER OF METHYL AND LAURYL ESTERS

CAS:30795-64-3

Fraction by Wt: 4-10.99%

Other REC Limits:NONE

Ingred Name:BUTYLATED TRIPHENYL PHOSPHATE W/30% TRIPHENYL PHOSPHATE

CAS:56803-37-3

Fraction by Wt: 1-4%

Other REC Limits:NONE

OSHA PEL:N/K (SE

E INGRED.04)

ACGIH TLV:N/K (SEE INGRED.04)

Ingred Name:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

Other REC Limits:NONE

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3; 9192

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL

CAS:128-37-0

RTECS #:GO7875000

Fraction by Wt: 1-3.99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3; 9293

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

LD50 LC50 Mixture:ORAL RAT LD50 BELIEVED TO BE > 5 GM/KG

Routes of Entry: Inhalation:YE

S Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and

Chronic:EYE:IRRITATING.INHAL/SKIN:TRIARYLPHOSPHATES ARE ABSORBED THROUGH SKIN AND CAN CAUSE CNS EFFECTS.PROLONGED CONTACT CAN CAUSE DEFATTING.INGEST:CAUSES ABDOMINAL DISCOMFORT,NAUSEA,DIARRHEA.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER SWALLOWING.CHRONIC:POSSIBLY CAUSE SKIN CANCER AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:MIDDLE PETROLEUM DISTILLATES ARE BELIEVED

TO BE CARCINOGENIC.

Effects of Overexposure:SKIN:REDNESS,IRRITATION,MUSCULAR/NERVIOUS SYSTEM IMPAIRMENT.ESTERASE

INHIBITION(NAUSEA,VOMITING,DIARRHEA,EXCESSIVE SALIVATION,SWEATING).

Medical Cond Aggravated by Exposure:MAY AGGRIVATE EXISTING NERVIOUS SYSTEM DYSFUNCTION,SUCH AS DIABETES,ALCOHOL OR DRUG ABUSE AND PARKINSON'S DISEASE.MAY AGGRIVATE EXISTING DERMATITIS.

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

First Aid:EYES:FLUSH WITH WATER. SKIN:REMOVE C
ONTAMINAED CLOTHING;WASH

WITH SOAP & WATER. INHAL:GT MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR SYMPTOMS PERSIST. INGEST:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. MAY CAUSE LUNG INJURY IF ASPIRATED.NOTE:THIS PRODUCT CONTAIN AN ARYL PHOSPHATE ESTERASE INHIBITOR;CONTACT POISON CONTROL CENTER FOR TREATMENT.

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

Flash Point Method:PMCC

Flash Point:180F/82C

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

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS.USE WATER SPRAY TO DISPURSE VAPORS + PROTECT FIREMEN.USE SELF-CONTAINED BREATHNG APP

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA.AVOID BREATHING VAPOR.USE A SELF-CONTAINED BREATHING APPARATUS FOR LARGE SPILLS OR CONFINED AREAS.CONTAIN SPILLS.ADSORB ONTO A A NO

N-FLAMMABLE ABSORBANT;PLACE
IN AN APPROPRIATE CONTAINER FOR DISPOSAL.PREVENT ENTRY INTO
WATERWAYS.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE AWAY FROM HEAT AND OPEN
FLAMES.COMPLY WITH OSHA 1910.106 AND DOT REGULATIONS.

Other Precautions:NONE

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Exposure Controls/Personal Protection
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Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR FOR
DUST,MIST,VAPOR.USE A
N AIR SUPPLIED RESPIRATOR FOR LARGE SPILLS AND
IN ENCLOSED SPACES.

Ventilation:GENERAL VENTILATION OR LOCAL EXHAUST AS NEEDED TO MAINTAIN
EXPOSURE BELOW TLV OF COMPONENTS.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES,FACE SHIELD.

Other Protective Equipment:PROTECTIVE CLOTHING(COVERALLS,LAB
COAT,GLOVES,BOOTS).

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplement
al Safety and Health
NONE

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Physical/Chemical Properties
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HCC:V4

Boiling Pt:B.P. Text:>400F/204C

Spec Gravity:0.8729

Appearance and Odor:RED LIQUID

Percent Volatiles by Volume:100

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

Stability Condition to Avoid:HEAT,IGNITION SOURCES

Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION.
ALDEHYDES, KETONES,PHOSPHORUS OX

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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