

TEXACO LUBRICANTS CO,DIV TEXACO REFINING & MARKET -- 01537 AIRCRAFT HYDRAULIC OIL 15
-- 9150-00-223-4134

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

Product ID:01537 AIRCRAFT HYDRAULIC OIL 15

MSDS Date:09/22/1993

FSC:9150

NIIN:00-223-4134

MSDS Number: BZLGC

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS CO,DIV TEXACO REFINING & MARKET

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info

Phone Num:800-782-7052/914-838-7204

Emergency Phone Num:914-831-3400/ CHEMTREC 800-424-9300

Preparer's Name:MANAGER, PRODUCT SAFETY

CAGE:OTTJ3

=== Contractor Identification ===

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

Company Name:TEXACO LUBRICANTS

Address:4164 E INNSLAKE DR

Box:4427

City:GLEN ALLEN

State:VA

ZIP:23060

Country:US

Phone:804-527-4311

CAGE:OTTJ3

Company Name:TEXACO REFINING AND MA

MARKETING INC
Address:1111 RUSK ST
Box:City:HOUSTON
State:TX
ZIP:77002-3310
Country:US
Phone:713-650-5206
CAGE:2R503

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

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL;
(2,6-DI-TERT-BUTYL-4-METHYLPHENOL)
CAS:128-37-0
RTECS #:GO7875000
Fraction by Wt: 3-10.99%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3; 9495

Ingred Name:BUTYLATED TRIPHENYL PHOSPHATE W/30% TRIPHENYL
PHOSPHATE(CAS#115-86-6)
CAS:56803-37-3
Fraction by Wt: .1-.99%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE;(SOLVENT REFINED
HYDROTREATED MIDDLE DISTILLATE)
CAS:64742-46-7
RTECS #:JN9379645
Fraction by Wt: 80-94.9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHACRYLIC ACID;COPOLYMER WITH METHYL & LAURYL ESTERS
CAS:30795-64-3
Fraction by Wt: 3-10.99%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL METHACRYLATE (SARA 313) (CERCLA), 0.01-0.09%.
CAS:80-62-6
RTECS #:OZ5075000
Fract

ion by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50(RAT):>5G/KG,PRACTICALLY NONTOX
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MINIMAL IRRIT,EXPERIENCED AS TEMP
DISCOMFORT.SKIN:PROL/WIDESPREAD CONTACT RESULT IN A
BSORPTION OF POT
HARMFUL AMTS OF MATL.PROLONG CONTACT W/WET
CLOTH-DEFATTING,IRRIT.INHAL:VAP/MIST IN EXCESS CONCE N IRRIT
NOSE/THROAT.PROL/REPEAT OVEREXPO-ABSORPTION OF HARMFUL
AMTS.INGEST:ABD DISCOMFORT,NAU,ASPIRATION HAZ (SIGN/SYM)
Explanation of Carcinogenicity:PER MSDS:MIDDLE DISTILLATED HAVE CAUSE
SKIN CANCER IN LAB ANIMALS APPLIED REPEATED/LEFT IN PLACE BETWEEN
APPLICATIONS.
Effects of Overexposure:HEALTH HAZ:RESULTING IN LUNG DMG.INTERFERE W/N
&/OR MUSCULAR FUNC
TIONS BY INHIBITION OF
ESTERASE.DISFIGUREMENT,FUNCTION LOSS IF INJECTED. EYE IRRIT-TEMP
DISCOMFORT.SKIN DEFAT/IRRIT,LOC REDNESS W/POSSI BLE MILD
DISCOMFORT.IRRIT NOSE/THROAT,HEAD,NAU,DROWS.ABD
DISCOMFORT,NAU,DIARR,ASPIRATION INTO LUNGS RESULT IN LUNG DMG.
Medical Cond Aggravated by Exposure:REP OVEREXPO MAY AGGRAVATE/ENHANCE
EXISTING CNS DYSFUNCTION PROD BY DISORDERS KNOWN TO CAUSE CNS
EFFECTS/DMG(DIABETES,ALCOHOL/DRUG ABUSE,PARKINSON'S
DISEASE)DEFATTING PROPERT AGGRA
VATE EXISTING DERM.

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

First Aid:EYE:FLUSH W/LOTS OF H2O FOR SEVERAL MINS.IRRIT PERSISTS GET
MED ATTN.SKIN:WASH W/LOTS OF SOAP/WATER TIL ALL TRACES OF MATL
REMOVED.REMOVE CONTAMIN CLOTH.IRRIT PERSISTS/CONTACT PROLONG GET
MED ATTN.ING EST:GET IMMED MED ATTN.ONLY INDUCE VOMIT AS DIRECTED
BY DR.NEVER GIVE ANYTHING BY MOUTH IF
UNCONSC/CONVULSING.INHAL:IRRIT/HEAD/NAU/DROWS OCCURS MOVE TO FRESH
AIR.BREATH DIFF

GET MED ATTN.(OTHER PRECA)

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

Flash Point Method:PMCC

Flash Point:180F,82C

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:PER NFPA:USE WATERSPRAY, DRY
CHEM,FOAM,CO2.WATER/FOAM MAY CAUSE FROTH.

Fire Fighting Procedures:USE WATER TO COOL FIRE-EXPO CNTNRS.LEAK/SPILL
NOT IGN USE WATERSPRAY TO DISPERSE VAP/PROTECT PERSONS ATTEMPTING
TO STOP LEAK.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:VENTILATE AREA.AVOID BREATH VAP.USE
SCBA/SUPPLIED AIR FOR LG SPILLS/CONFINED AREAS.CONTAIN IF
POSSIBLE.WIPE UP/ABSORB ON SUITABLE MATL.SHOVEL UP.PREVENT ENTRY
INTO SEWERS/WATERWAYS.AVOID CONTACT W/SKI N/EYE/CLOTHING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FRM HEAT/OPN

FLAME.TRANSP/HNDLG/STORE IAW

OSHA REG 1910.106/DOT

REGS.READ/UNDERSTAND MSDS BEF HNDLG/DISPO PROD.

Other Precautions:DR:HIGH PRESSURE INJECTION OF MATL INTO SKIN CAN
CAUSE SEVERE INJURY IF NOT TREATED.USE X-RAY.ASPIRATION OF PROD
DURING INDUCED EMESIS CAN RESULT IN LUNG INJURY.USE METHOD LEAST
LIKELY TO CAUSE ASPIRATION.PROD HAS ARYLPHOSPHATE-(SUPPLEMEM)

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

Respiratory Protection:AIRBORNE CONCEN SHOULD BE KEPT LOWEST LEVELS
POSSIBLE.IF V

AP/MIST/DUST GENERATED USE NIOSH/MSHA APPROVED RESP AS
APPROPRIATE.SUPPLIED AIR RESP PROT SHOULD BE USED FOR CLEAN LG
SPILLS/UPON ENTRY INTO TK S/VESSE/CONF SPACES.

Ventilation:ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPO LIMITS.

Protective Gloves:RESISTANT TO CHEM & PETRO DISTILLATES.

Eye Protection:CHEM-TYP GOGG,FACESHIELDS.

Other Protective Equipment:PROT CLOTH:UNIFORMS,COVERALLS,LAB
COATS,BOOTS RESISTANT TO CHEM/PETRO DISTILLATES.

Work Hygienic Practices:CLEAN (LAUNDRAY MORE EFFEC

TIVE-INFORM LAUNDRY

OF CONTAMIN)CONTAMIN CLOTH BEF REUSE;DESTROY NON-RESIST FOOTWEAR.

Supplemental Safety and Health

OTHER PRECAUT:INHIBITS ESTERASE.

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

HCC:V6

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

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:0.8729

Viscosity:13.2CST @40C

Solubility in Water:N/D

Appearance and Odor:RED LIQUID

Percent Volatiles by Volume:100

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

St

ability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W/STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:TOX LEVELS CO,CO2,IRRIT ALDEHYDES &
KETONES & COMBUSTION PRODS/CMPDS OF PHOSPHORUS.

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

Waste Disposal Methods:PROD DOES NOT MEET CRITERIA OF HAZ WASTE IF
DISCARDED IN PURCHASED FORM.PER RCRA USER RESPONSABILITY TO DERMINE
@DISPO TIME WHETHER PROD ME
ETS RCRA CRITERIAL FOR HAZ WASTE.

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