

TEXACO INC -- OUTBOARD AND 2-CYCLE ENGINE OIL 50-1, 01592 -- 9150-00-852-4647
===== Product Identification =====

Product ID:OUTBOARD AND 2-CYCLE ENGINE OIL 50-1, 01592

MSDS Date:12/09/1988

FSC:9150

NIIN:00-852-4647

MSDS Number: BLHHN

=== Responsible Party ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508

Country:US

Info Phone Num:914-831-3400

Emergency Phone Num:914-831-3400

Prep

arer's Name:M J VON ALLMEN

CAGE:7B131

=== Contractor Identification ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Phone:914-831-3400

CAGE:7B131

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

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 20-35%

Ingred Name:ALIPHATIC CARBOXYLIC ACID; (ADDITIVE AMINE PACKAGE)

Fraction by Wt: 11-20%

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

C
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: 50-65%
OSHA PEL:N/K

Ingred Name:HYDROTREATED C25 BRIGHT STOCK BASED LUBRICATING OIL
CAS:72623-83-7
Fraction by Wt: 4-11%
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SUPP DATA:CAUSE FIRE, EXPLOS OR TOX FUMES FROM RESIDUES. DO
NOT PRESSURIZE OR EXPOSE TO OPEN FLAME OR HEAT. KEEP (ING 6)
RTECS #:9999999ZZ

Ingred Name:ING 5:CONTAINER CLOSED & DRUM BUNGS IN PLACE.
RTECS #:9999999ZZ

Ingred Name:EYE PROT:FULL LENGTH FA
CESHIELD MAY BE ADDED TO GOGGLES .
RTECS #:9999999ZZ

Ingred Name:HYGIENE PRACT:SEVERAL TIMES DAILY W/SOAP & WATER &
LAUNDERING OR DRY CLEANING SOILED WORK CLTHG AT LEAST WEEKLY.
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH:DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL,
STATE & LOCAL REGULATIONS .
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL RAT) >5 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports o
f Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:EYE:CAUSES MINIMAL IRRIT.
TRANSIENT MINOR IRRIT MAY BE NOTED FOLLOWING INITIAL CONT.
SKIN:SLIGHTLY IRRIT W/POSS REDNESS, EDEMA OR DRYING. MAY CAUSE DERM
ON PRLNGD/RPTD CONT. INHAL:DROW, NARCOS & UNCON POSS UPON EXPOS TO
HIGH CONCENTRATION IN POORLY VENTD CONFINED SPACES. CHRONIC:NOT
DETERMINED.
Explanation of Carcinogenicity:MINERAL OIL, CAS NO. 64742-65-0 IS
LISTED AS AN IARC GROUP 1 CA

RCINOGEN IN RTECS.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====
First Aid Measures
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First Aid:EYE:AS W/MOST FOREIGN MATERIALS, SHOULD EYE CONTACT OCCUR, FLUSH W/PLENTHY OF WATER FOR AT LEAST 15 MINS. SKIN:WASH EXPOSED AREAS W/SOAP & WATER. INGEST:DO NOT INDUCE VOMITING. ASPIRATION MAY CAUSE CHE MICAL PNEUMONIA. INHAL:SHOULD SYMPTOMS NOTED UNDER PHYSIOLOGICAL EFFECT S OCCUR, REMOVE TO FRESH AIR. IF NOT BREATHING, APPLY ARTIFICIAL RESPIRATION.

=====
Fire Fighting Measures
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Flash Point Method:PMCC

Flash Point:176F,80C

Lower Limits:N/D

Upper Limits:N/D

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . USE WATER TO KEEP FIRE-EXPOSED CONTRS COOL. IF A LEAK/SPILL HAS IGNITED, USE WATER SPRAY TO(SEE SUPP DATA)

Unusual F

ire/Explosion Hazard:NONE.

=====
Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE NIOSH/MSHA APPROVED SCBA OR SUPPLIED-AIR MASK FOR LARGE SPILLS IN CONFINED AREA. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL & SHOVEL U P.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
Handling and Storage
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Handling and Storage Precautions:STORE AW

AY FROM HEAT/OPEN FLAME. KEEP

CONTR CLSD. TRANSPORT/HNDL/STORE I/A/W OSHA REG 1910.106, & APPLIC DOT REGS. USE ONLY IN WELL VENTD LOCATIONS.

Other Precautions:PLACARD REQD ONLY WHEN MATL IS CONTAINED IN

PACKAGING/CONTR THAT EXCEEDS 110 GALLONS OR IN TANK CAR/TANK TRUCK. AVOID PRLNGD BRTHG OF MIST/VAP. AVOID PRLNGD/RPTD CONT W/SKIN. KEEP HEAD AWAY FROM CONTR WHEN OPENING/DISPENSING.(SEE SUPP DATA)

=====
Exposure Controls/Personal Protection
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Respirato

ry Protection:NIOSH/MSHA APPRVD SUPPLIED-AIR RESPIRATORY PROTECTION FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:ADEQUATE VENTILATION TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES.(SEE INGRED 7)

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:EXPOSED EMPLOYEES SHOULD EXCERCISE REASONABLE PERSONAL CLEANLINES; THIS INC

L CLEANSING EXPOSED SKIN AREAS(SEE INGRED 8)

Supplemental Safety and Health

FIRE FIGHT PROC:DISPERSE THE VAPS & TO PROVIDE PROT FOR PERS ATTEMPTING TO STOP THE LEAK. OTHER PREC:CONTAINS PETRO DISTILLATES; KEEP OUT OF REACH OF CHILDREN. MISUSE OF EMPTY CONTRS CAN BE HAZ. EMPTY CONTRS CAN BE HAZ IF USED TO STORE TOX, FLAMM OR REACTIVE MATLS. CUTTING/WELDING OF EMPTY CONTRS MIGHT (SEE INGRED 5)

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

Boiling Pt:B.

P. Text:N/D

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:0.8751

Evaporation Rate & Reference:NOT DETERMINED.

Solubility in Water:NOT DETERMINED.

Appearance and Odor:DARK, REDDISH PURPLE.

Percent Volatiles by Volume:N/D

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:FIRE:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES

& KETONES, COMBUSTION PRODUCTS OF NITROGEN & SULFUR.

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

Waste Disposal Methods:UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF PROD TO DETERMINE, AT THE TIME OF DISP, WHETHER PROD MEETS RCRA CRITERIA FOR HAZ WASTE. THIS IS BECAUSE PROD USES, TRANSFORMATIONS, MIX, PROCESSES, ETC MAY RENDER THE RSLTG MATL HAZ. (SEEINGRED 9)

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