

TEXACO LUBRICANTS CO -- MEROPA 68, 02319 -- 9150-00-023-5249

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

Product ID:MEROPA 68, 02319

MSDS Date:09/18/1991

FSC:9150

NIIN:00-023-5249

MSDS Number: BPWWK

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS CO

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:713-838-7204 OR 914-838-7509

Emergency Phone Num:914-831-3400;800-424-9300(CH

EMTREC)

CAGE:OTTJ3

=== Contractor Identification ===

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 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:ADDITIVES;(ADDITIVES IN MINERAL OILS). % WT:1.00-3.99

Fraction by Wt: SEE ING

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLV-DEWAXED HEAVY
PARAFFINIC. (MILD/NO SOLV-REFINING/HYDROTREATED);(SOLV- (ING 3)

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: SEE ING

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3;10STEL(MIST)

Ingred Name:ING 2:DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES). %

WT:65.00-79.99

RTECS #:9999999ZZ

Ingred Name:HYDROTREATED C25 BRIGHT STOCK BASED LUBRICATING OIL. %

WT:20.00-34.99

CAS:72623-83-7

Fraction by Wt:

SEE ING

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3;10STEL(MIST)

Ingred Name:SUPP DATA:CLEANED AT LEAST ONCE A WEEK.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL, RAT) >5 MG/M3.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:EYES:MAY CAUSE MIMIMAL IRRIT,
EXPERIENCED AS TEMPORARY DISCOMFORT.SKIN:NO ADVERSE EFTS EXP
ECTED

FROM ABSORP OF MATL THRU SKIN.PRLNGD CNTCT AS W/CLTHG WETTED
W/MATL, MAY CAUSE DEFAT/IRRIT, SEEN A S LOCAL REDNESS W/POSS MILD
DISCOMFORT.INHAL:VAPS/MIST, IN EXCESS OF PERMISSIBLE CONC, OR IN
UNUSUALLY(EFTS OF OVEREXP)

Explanation of Carcinogenicity:SOLVENT-DEWAXED HEAVY PARAFFINIC
PETROLEUM DISTILLATES: GROUP 1 (IARC),(CAS#64742-65-0,SOLVENT
REFINED).

Effects of Overexposure:HLTH HAZ:HIGH CONC GENERATED FROM SPRAYING,
HEATING MATL/AS FROM EXPOS IN POORLY VENT A

REAS/CONFINED SPACES,

MAY CAUSE IRRIT OF NOSE & THROAT/HDCH/NAUS/DROWSINESS. INGEST:NO ADVERSE EFTS EXPECTED. IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUS, & DIARR MAY OCCUR. CHRONIC:NO ADVERSE EFTS ANTIC.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION).

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

First

Aid:EYES:FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN. GET MD ATTN IF EYE IRRIT PERSISTS. SKIN:WASH SKIN W/PLENTY OF SOAP & WATER FOR SEVERAL MIN. GET MD ATTN IF IRRIT DEVELOPS/PERSISTS. INGEST:IF MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED, GIVE TWO GLASSES OF WATER (16 OZ), GET MD ATTN. INHAL:IF IRRIT, HDCH, NAUS, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MD ATTN IF BRTHG (SUPP DATA)

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

FI

ash Point Method:COC

Flash Point:415F,213C

Extinguishing Media:ACCORDING TO NFPA GUIDE, USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOSED CNTNRS. IF LEAK/SPILL HAS NOT (SUPP DATA)

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENT AREA. AVOID BRTHG VAPOR. USE SCBA OR

SUPPLIED AIR FOR LARGE SPILLS OR CONFINED AREAS. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO SEWERS AND WATERWAYS. AVOID CONTACT WITH SKIN, EYES/CLTHG.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMP SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE M

MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

Other Precautions: REMOVE & DRY-CLEAN/LAUNDER CLOTHING SOAKED/SOILED WITH MATERIAL BEFORE REUSE. DRY CLEANING OF CONTAMINATED CLOTHING MAY BE MORE EFFECTIVE THAN NORMAL LAUNDERING. INFORM INDIVIDUALS RESPONSIBLE FOR CLEANING OF POTENTIAL HAZARDS ASSOCIATED WITH HANDLING CONTAMINATED CLOTHING.

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

Respiratory Protection: AIRBORNE CONCENTRATION SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST/DUST IS GENERATED, USE RESPIRATORY PROTECTION APPROVED BY MSHA/NIOSH

AS APPROPRIATE. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE USED FOR CLEANING LARGE SPILLS/UPON ENTRY INTO TANKS, VESSELS/OTHER CONFINED SPACES.

Ventilation: ADEQUATE TO MEET COMPONENT OCCUPANCY EXPOSURE LIMITS (SEE INDEX SECTION).

Protective Gloves: IMPERMEABLE GLOVES .

Eye Protection: CHEMICAL WORK GOGGLES/FULL LENGTH FACE SHIELD .

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP & WATER. SOILED CLOTHING SHOULD BE LAUNDERED/DRY (INDEX 5)

Supplemental Safety and Health

FIRE FIGHT PROCEDURE: IF IGNITED, USE WATER SPRAY TO DISPERSE VAPORS & TO PROVIDE PROTECTION FOR PERSONS ATTEMPTING TO STOP LEAK. FIRST AID: IF BECOMES DROWSY/SYMPTOMS PERSIST. WASTE DISPOSAL METHOD: WASTE. THIS IS BECAUSE PRODUCT USES, TRANSFORMATIONS, MIXTURE PROCESSES, ETC. MAY RENDER RESULTING MATERIALS HAZARDOUS. DISPOSAL OF IN ACCORD WITH LOCAL, STATE & FEDERAL REGULATIONS .

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

Specific Gravity: 0.883 (H₂O=1)

Appearance

and Odor: BRIGHT, CLEAR RED OIL; MILD ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: TOXIC LEVELS OF CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

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

Waste Disposal Methods: PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS

& DOES NOT MEET CRITERIA OF HAZ WASTE IF DISCARDED IN ITS PURCHASED FORM. UNDER RCRA, IF IS RESPONSIBILITY OF USER TO DETERMINE AT TIME OF DISP, WHETHE R PROD MEETS RCRA CRITERIA FOR HAZ (ING 5)

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