

TEXACO LUBRICANTS COMPANY, DIV OF TEXACO REFINING -- MARFAK MULTI PURPOSE
2,00958,MULTIFAKEP 2 -- 9150-00-823-7896

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

Product ID:MARFAK MULTI PURPOSE 2,00958,MULTIFAKEP 2

MSDS Date:07/24/1992

FSC:9150

NIIN:00-823-7896

MSDS Number: BRTBF

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY, DIV OF TEXACO REFINING

Box:4427

City:HOUSTON

State:TX

ZIP:77210-

4427

Country:US

Info Phone Num:914-838-7204/7509/512-459-6543

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

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

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

Ingred Name:MINERAL OIL/SOLVENT-DEWAXED HEAVY PARAFINIC PETROLEUM
DISTILLATES

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 35 - 50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SOLVENT DEASPHALTED RESIDUAL PETROLEUM OIL

CAS:64741-95-3

Fraction by Wt: 35 - 50%

Other REC Limits:NONE RECOMMENDED

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

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

Ingred Name:LI

THIUM 12 HYDROXYSTEARATE

CAS:7620-77-1

Fraction by Wt: 3 - 11%

Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLATILE ORGANIC COMPOUNDS (100%)

RTECS #:9999999VO

Other REC Limits:NOT RELEVANT

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

==== 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:A

CUTE- MAY CAUSE MINIMAL EYE

IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING,
IRRITATION AND REDNESS. EXCESSIVE VAPORS OR MISTS MAY CAUSE
IRRITATION OF NOSE AND THROAT, HEADACHE AND DROWSINESS. INGESTION
OF SEVERAL MOUTHFULS MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA AND
DIARRHEA. CHRONIC- NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL

TRACTS IRRITATION, SKIN DEFATTING, HEADACHE, ABDOMINAL DISCOMFO

RT,
NAUSEA, VOMITING AND DIARRHEA
Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN
DISORDERS SUCH AS DERMATITIS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS
OF THIS PRODUCT.

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First Aid Measures
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First Aid: CALL DOCTOR IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP &
WATER. INHALED: REMOVE TO FRESH AIR. ORAL: DO NOT INDUCE VOMITING.
CALL PHYSICIAN. IF MORE
MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED
& CONSCIOUS, DRINK TWO GLASSES OF WATER. IN THE CASE OF OIL
PENETRATING SKIN, IMMEDIATE MEDICAL ATTENTION NEEDED EVEN FOR MINOR
INJECTION INJURY.

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Fire Fighting Measures
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Extinguishing Media: CARBON DIOXIDE, FOAM/ DRY CHEMICAL. WATER/ FOAM MAY
CAUSE FROTHING & CAN BE DANGEROUS IF SPRAYED INTO HOT, BURNING
LIQUID.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE
EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard: NONE

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Accidental Release Measures
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Spill Release Procedures: DIKE AND CONTAIN SPILL. DO NOT ALLOW MATERIAL
TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER FREE LIQUID IF
POSSIBLE. ABSORB SMALL SPILL WITH NON-FLAMMABLE MATERIAL AND PLACE
INTO PROPER CONTAINERS FOR DISPOSAL. COMPLY WITH HAZPOWER (29
CFR1910.120).
Neutralizing Agent: NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions: STORE IN COOL, DRY PLACE AWAY FROM
HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN
USE. AVOID WATER CONTAMINATION.
Other Precautions: WASH HANDS WITH SOAP AND WATER BEFORE EATING,
DRINKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING
BEFORE REUSE. DO NOT GENERATE MISTS OR VAPORS. CLEAN CONTAMINATED
EQUIPMENT BEFORE STORAGE

R TING ANY REPAIR WORK.

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

Respiratory Protection:IF WORKING IN A CONFINED AREA OR MISTING IS OCCURRING, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPOR

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:RUBBER OR NEOPRENE RECOMMENDED

Eye Protection:CHEMICAL GOGGLES RECOMMENDED

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

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK GREEN SEMI-SOLID GREASE

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, KETONES AND COMBUSTION PRODUCTS OF LITHIUM

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

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346.

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