

TEXACO LUBRICANTS COMPANY, DIV OF TEXACO REFINING -- MARFAK MULTI PURPOSE  
2,00958,MULTIFAK 2 -- 9150-00-901-1738

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Product Identification  
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Product ID:MARFAK MULTI PURPOSE 2,00958,MULTIFAK 2

MSDS Date:07/24/1992

FSC:9150

NIIN:00-901-1738

MSDS Number: BRTBH

=== 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:LITHIU  
M 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:ACUTE  
- 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 DISCOMFORT,

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 =====

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 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 =====

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 =====

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 CFR 1910.120).  
Neutralizing Agent: NOT RELEVANT

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

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 START

NG 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 NITRILE 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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