

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

Eme

rgency 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

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

Ingr

ed 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:LITHIUM 12 HYDROXYSTEARATE
CAS:7620-77-1
Fraction by Wt: 3 - 11%
Ot
her 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 SK
IN CONTACT MAY CAUSE DEFATTING,
IRRITATION AND REDNESS. EXCESSIVE VAPORS OR MISTS MAY CAUSE
IRRITATION OF NOSE AND THROAT, HEADACHE AND DR OWSINESS. 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.

===== 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.

===== 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

===== 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

===== 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 STARTING ANY REPAIR WORK.

===== Exposure Controls/Personal

I Protection =====

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

===== 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 KNO
WN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DARK GREEN SEMI-SOLID GREASE
Percent Volatiles by Volume:100

===== 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

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

Waste Disp

osal 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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