

TEXACO LUBRICANTS CO -- 00927 MARFAKO -- 9150-00-067-7387

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Product Identification  
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Product ID:00927 MARFAKO

MSDS Date:12/08/1995

FSC:9150

NIIN:00-067-7387

Status Code:A

MSDS Number: CJPQP

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS CO

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:914-838-7204

Emergency Phone Num:914-821-3400;800-424-9300

Chemtrec I

nd/Phone:(800)424-9300

CAGE:2R503

=== Contractor Identification ===

Company Name:TEXACO REFINING AND MARKETING INC

Address:1111 RUSK ST

Box:City:HOUSTON

State:TX

ZIP:77002-3310

Country:US

Phone:713-650-5206

CAGE:2R503

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Composition/Information on Ingredients  
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Ingred Name:RESIDUAL OILS (PETROLEUM), SOLVENT DEASPHALTED; (SOLVENT  
DEASPHALTED RESIDUE PETROLEUM OIL)

CAS:64741-95-3

Minimum % Wt:80.

Maximum % Wt:94.99

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

ACGIH TLV:5 MG/M3 (OIL,M

IST)  
ACGIH STEL:10 MG/M3 (OIL,MIST)

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC;  
(HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATES)

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:10.

Maxumum % Wt:19.99

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

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

ACGIH STEL:10 MG/M3 (OIL,MIST)

Ingred Name:SODIUM TALLOWATE

CAS:8082-46-0

Minumum % Wt:8.

Maxumum % Wt:9.99

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

LD50 LC50 Mixture:LD50: (ORAL,R  
AT) >5.00 G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: EYES: MAY CAUSE MINIMAL IRRIT,  
EXPERIENCED AS TEMPORARY DISCOMFORT. SKIN: BRIEF CONT IS NOT IRRIT.  
PRLNGD CONT, AS W/CLTHG WETTED W/MATL, MAY CAUSE DEFAT OF  
SKIN/IRRIT, SEEN AS LOCAL REDNESS W/ POSS MILD DISCOMFORT. OTHER  
THAN POTNTLSKIN IRRIT EFTS NOTE ACUTE (SHORT TERM) ADVERSE EFTS ARE  
NOT EXPECTED FROM BRIEF SK

IN CONT! SEE OTHER EFTS & TOX INFO

SECTION FOR INFO REGARDING POTNTL LONG TERM EFTS. INHAL: PROD NOT  
VOLAT @ AMBIENT TEMPS, VAPS/MIST IN HIGH CONCS, AS GENERATED FROM  
SPRAYING/HEATING IN ENCLOSED SPACE, MAY CAUSE MINIMAL IRRIT.

INGEST: IF MORE THAN SEVERAL MOUTHFULS ARE (EFTS O F OVEREXP)

Effects of Overexposure:HLTH HAZS: SWALLOWED, ABDOM DISCOMFORT, NAUS, &  
DIARR MAY OCCUR. CHRONIC: NO ADVERSE EFTS HAVE BEEN DOCUMENTED IN  
HUMANS AS RSLT OF CHRONIC EXPOSURE. TOX INFO SE

CTION MAY CNTN

APPLIC ANIMAL DATA. OTHE R REMARKS: MATL FROM HIGH PRESS EQUIP,  
PINHOLE LEAKS/HIGH PRESS LINE FAILURE CAN PENETRATE SKIN AND, IF  
NOT PROPERLY TREATED, CAN CAUSE SEV INJURY, INCL DISFIGUREMENT,  
LOSS OF FUNC/EVEN REQ AMPUTATION OF AFFECTED AREA. TO PVNT SUCH  
SERIOUS INJURY, IMMED MED ATTN SHOULD BE SOUGHT EVEN IF INJECTION  
INJURY APPEARS TO BE MINOR.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING  
PROPERTIES, PROLONGED AND REPEATED SKIN CONTA

CT MAY AGGRAVATE AN  
EXISTING DERMATITIS (SKIN CONDITION).

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First Aid Measures  
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First Aid: EYES: FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS. GET MED  
ATTN IF EYE IRRIT PERSISTS. SKIN: WASH W/PLENTY OF SOAP & WATER FOR  
SEVERAL MINS. GET MED ATTN IF SKIN IRRIT DEVELOPS/ PERSIST. INGEST:  
IF MORE THAN SEVERAL MOUTHFULS OF MATL ARE SWALLOWED, GIVE 2  
GLASSES OF WATER (16 OZ). GET MED HELP. INHAL: IF IRRIT, HDCH/DROW  
OCCURS, REMOVE  
TO FRESH AIR. OTHER INSTRUCTIONS: HIGH PRESS  
INJECTION OF MATL CAN CAUSE SEV INJURY. FAILURE TO DEBRIDE WOUND  
OF ALL RESIDUAL MATL CAN RSLT INDISFIGUREMENT, LOSS OF FUNC/MAY REQ  
AMPUTATION OF AFFECTED AREA. REMOVE & DRY-CLEAN OR (SUPDAT)

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Fire Fighting Measures  
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Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON  
DIOXIDE TO EXTINGUISH FLAMES. USE WATER SPRAY TO COOL FIRE-EXPOSED  
CONTAINERS. WATER OR FOAM MAY CAUSE  
FROTHING.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE  
EQUIPMENT .

Unusual Fire/Explosion Hazard: NONE.

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Accidental Release Measures  
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Spill Release Procedures: CNTN SPILL IF POSSIBLE, CNTN W/ABSORB MATLS  
SUCH AS CLAY/SOIL, AND SHOVEL UP. AVOID SKIN & EYE CONT. IF MORE  
THAN 2,000,000 POUNDS OF PROD IS SPILLED, THEN REPORT SPILL  
ACCORDING TO SARA 304 AND/OR CE RCLA 102(A) REQUIREMENTS, UNLESS  
PROD QUALIFIES FOR PETR  
OLEUM EXEMPTION (CERCLA SECTION 101(14)).

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Handling and Storage  
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Handling and Storage Precautions: MINIMUM FEASIBLE HNDLG TEMPS SHOULD BE  
MAINTAINED. PERIODS OF EXPOS TO HIGH TEMPS SHOULD BE MINIMIZED.  
WATER CONTAM SHOULD BE AVOIDED. READ & UNDERSTAND MSDS BEFORE  
HANDLG/DISPOSING OF PROD. THIS LABE L COMPLIES W/REQUIREMENTS OF  
OSHA HAZARDCOMMUNICATION STD (29 CFR 1010.1200) FOR USE IN  
WORKPLACE.

Other Precautions: THIS LABEL IS NOT

INTENDED TO BE USED W/PACKAGING

INTENDED FOR SALE TO CONSUMERS & MAY NOT CONFORM W/REQUIREMENTS OF CONSUMER PRODUCT SAFETY ACT OR OTHER RELATED REGULATORY REQUIREMENTS. AVOID Prolonged Breathing of VAP, MIST/GAS. CAUTION: MISUSE OF EMPTY CONTAINERS CAN BE HAZ. EMPTY CONTAINERS CAN BE HAZ (OTHER INFO)

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

Respiratory Protection: AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST/DUST IS GENERATED & OCCUPATIONAL EXPOSURE LIMIT OF

PRODUCTION/ANY COMPONENT OF PRODUCT, IS EXCEEDED, USE APPROPRIATE NIOSH APPROVED AIR PURIFYING/AIR SUPPLIED RESPIRATOR AFTER DETERMINATION OF AIRBORNE CONCENTRATION OF CONTAMINANT. NIOSH APPROVED AIR SUPPLIED RESPIRATORS SHOULD ALWAYS BE WORN WHEN AIRBORNE CONCENTRATION OF CONTAMINANT/OXYGEN CONTENT IS UNKNOWN.

Ventilation: ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS (SEE INGREDIENT SECTION 2).

Protective Gloves: IMPERMEABLE GLOVES .

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER .

Work Hygienic Practices: WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP & WATER. SOILED WORK CLOTHING SHOULD BE LAUNDERED/DRY-CLEANED.

Supplemental Safety and Health

VOC: NOT DETERMINED. FIRST AID PROCEDURE: LAUNDRY CLOTHING SOAKED/SOILED WITH MATERIAL BEFORE REUSE. DRY CLEANING OF CONTAMINATED CLOTHING MAY BE MORE EFFECTIVE THAN NORMAL LAUNDRYING. INFORM INDIVIDUALS RESPONSIBLE FOR CLEANING OF POTENTIAL HAZARDOUS ASSOCIATED WITH HANDLING CONTAMINATED CLOTHING. WASTE DISPOSAL METHOD

: ETC MAY REPRESENT RESULTING MATERIALS HAZARDOUS. (OTHER INFO)

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

Vapor Pressure: 5.00 G/KG (RAT) PRACTICALLY NON-TOXIC. INHALATION: NOT DETERMINED. DERMAL: LD50 BELIEVED TO BE >2.00 G/KG (RABBIT) PRACTICALLY NON-TOXIC. IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES). SKIN: (DRAIZE) BELIEVED TO BE