

TEXACO LUBRICATNS CO,DIV OF TEXACO REFIN/MAKT INC -- 26412 URSA SUPER PLUS MOTOR OILS (SUPPLEMENTAL) -- 9150-01-139-4927

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

Product ID:26412 URSA SUPER PLUS MOTOR OILS (SUPPLEMENTAL)

MSDS Date:12/19/1996

FSC:9150

NIIN:01-139-4927

MSDS Number: CDLVR

=== Responsible Party ===

Company Name:TEXACO LUBRICATNS CO,DIV OF TEXACO REFIN/MAKT INC

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:800-782-7852 (OPT 4)/914-838-7204

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

Preparer's Name:MANAGER, PRODUCT SAFETY

CAGE:EO306

=== Contractor Identification ===

Company Name:TEXACO LUBRICANTS

CAGE:TEXLU

Company Name:TEXACO LUBRICANTS COMPANY A DIVISION OF TEXACO REFINING

Address:Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Phone:914-838-7204

CAGE:EO306

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

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

Ingred Name:SOLVENT=DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

CAS:64742-65-0

RTECS #:PY8038501

Fraction by Wt: 65-79.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES

CAS:64742-54-7

RTECS #:PY8035501

Fraction by Wt: 20-34.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:RESIDUAL OILS, PETROLEUM HY

DROTREATED  
CAS:64742-57-0  
Fraction by Wt: 1-2.99%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC DIALKYLDITHIOPHOSPHATE,  
CAS:84605-29-8  
Fraction by Wt: 0.1-0.9%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC 0,0-BISISODECYL DITHIOPHOSPHATE  
CAS:25103-54-2  
Fraction by Wt: 0.1-0.9%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL, RAT >5.00G/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Repor  
ts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:EYE:MIN IRRIT,EXPERIENCED AS  
TEMP DISCOMFT.SKIN:BRIEF CONTACT SLIGHT IRRIT.PROL CONTACT MORE  
SEVERE IRRIT,DISCOMFT,LOCAL REDNESS,SWELLING.INHAL:IRRIT OF  
NOSE/THROAT,HEAD,NAU,DROWS.INGEST:MORE TH AN SEVERAL MOUTHFULS  
RESULT IN ABD DISCOMFT,NAU,DIARR.CHRONIC:NO ADVERSE EFFECTS HAVE  
BEEN DOC IN HUMANS.(SUPPLEMENTAL)  
Explanation of Carcinogenicity:PER MSDS:PRODUCT &/OR COMPONENT(S)  
CARCINO  
GENIC ACCORDINT TO:NONE.  
Effects of Overexposure:MIN EYE IRRIT, TEMP DISCOMFORT,SLIGHT SKIN  
IRRIT;SEVERE IRRIT,DISCOMFT,LOCAL REDNESS,SWELLING W/PROLONGED  
CONTACT.IRRIT NOSE/THROAT,HEADACHES,NAUSEA,DROWSINESS. ABDOMINAL  
DISCOMFORT,NAUSEA,DIARRHEA.  
Medical Cond Aggravated by Exposure:BECAUSE OF ITS IRRITATING  
PROPERTIES REPEATED SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS  
(SKIN CONDITION).

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

First Aid:EYE:F

LUSH W/PLENTY OF WATER FOR SEVERAL MINS.IRRIT PERSIST  
GET MED ATTN.SKIN:WASH W/PLENTY OF SOAP/WATER FOR SEVERAL  
MINS.IRRIT DEVELOPS/PERSIST GET MED ATTN.INGEST:>SEVERAL MOUTHFULS  
GIVE 2 GLASSES O F WATER(16OZ).GET MED ATTN.INHAL:REMOVETO FRESH  
AIR.BREATH BECOMES DIFF/RESP IRRIT PERSIST GET MED ATTN.

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

Flash Point Method:COC  
Flash Point:>400F,>204C  
Autoignition Temp:Autoignition Temp Text:N/DETR  
Lower Limits:N/DE  
TERMINED  
Upper Limits:N/DETERMINED  
Extinguishing Media:USE WATERSPRAY,DRY CHEM,FOAM,CO2 TO EXTINGUISH  
FLAMES.COLL FIRE-EXPO CNTNRS W/WATERSPRAY.WATER/FOAM MAY CAUSE  
FROTHING.  
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING & POSITIVE  
PRESSURE BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:HYDROGEN SULFIDE (H2S) MAY BE RELEASED IF  
OVERHEATED.

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

Spill Release Procedures:VENTI AREA.AVOID BREATH VAP.WEAR A  
PPROPRIATE  
PPE(INCLUDE RESP PROTECTION).CONTAIN SPILL IF POSSIBLE.WIPE  
UP/ABSORB ON SUITABLE MATL.SHOVEL UP.PREVENT ENTRY INTO  
SEWERS/WATERWAYS.AVOID CONTACT W/SKIN/E YE/CLOTHING.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAINTAIN MIN FEASIBLE HNDLG TEMP.PER  
OF EXPO TO HI TEMP SHOULD BE MIN.WATER CONTAMINATION SHOULD BE  
AVOIDED.  
Other Precautions:WARNING:USED GASOLL  
INE MOTOR OIL POSSIBLE SKIN CANC  
HAZ BASED ON ANINAL DATA.USED GASOLINE MOTOR OILS HAVE BEEN SHOWN  
TO CAUSE SKIN CANC WHEN REPEAT APPLIED TO MOUSE SKIN W/O ANY EFFORT  
TO REMOVE MATL BETWEEN APPLICATIONS.NO (SUPPLEMENTAL)

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

Respiratory Protection:KEEP AIRBORNE CONC TO LOWEST LEVELS  
POSSIBLE.VAP/MIST/DUST GENERAT/OCCUPAT EXPO LIMIT OF PROD/COMPO  
EXCEEDED USE APPROPRIATE NIOSH/MSHA APPROV AIR PURIF/AIR SUPP RES

P

AFT DETERMINE AIRBORNE CONTAM CON C.AIR SUPP RESP FOR UNK  
OXY/CONTAM CONC.

Ventilation:ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:SAF GLASSES,CHEM TYP GOGG,FCSHIELD.

Other Protective Equipment:WASH EXPO SKIN SEVERAL TIMES DAILY  
W/SOAP/WATER.

Work Hygienic Practices:DRYCLEAN(MORE EFFECTIVE)/LAUNDER CLOTH  
SOAK/SOIL W/MATL BEF REUSE.INFORM WASHER/CLEANER OF CLOTH OF POT  
HAZ W/HNDLG CLOT

Supplemental

Safety and Health

HEALTH HAZ:WHEN OVERHEAT MAY RELEASE H2S GAS-IRRIT EYE/RESP

TRACT,HEAD,DIZZ,NAU,VOMIT,DIARR,PULM EDEMA @>PERMISS CONC.@>300PPM

RESP PARALYSIS,UNCONSC,DEATH CAN OCCUR. OTHER PRECAUT:EVIDENCE OF

CAUSAL RELATIONSHIP BETWEEN SKIN CAN IN HUMANS& EXPO TO USED MOTOR

OIL. PRODUCTS:02109,02110,02111,02112,02113,02114.

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

HCC:V6

Boiling Pt:B.P. Text:N/DETERMINE

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp

:Decomp Text:NP

Vapor Pres:N/DETERMIN

Vapor Density:N/DETERMIN

Spec Gravity:0.88-0.91

pH:NA

Viscosity:45.1-215CST

Evaporation Rate & Reference:NONE SPECIFIED BY MANUFA.

Solubility in Water:NOT DETERMINED.

Appearance and Odor:BRIGHT AND CLEAR LIQUID, ODOR NOT DETERMINED.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W/STRONG OXIDIZERS.

Stability Condition to Avo

id:UNDER EXTREME TEMP OR EXTENDED STORAGE  
PERIODS,HYDROGEN SULFIDE (H<sub>2</sub>S) GAS MAY ACCUMULATE IN HEAD-SPACE OF  
CONTAINER.

Hazardous Decomposition Products:TOXIC LEVELS OF CARBON MONOXIDE,CARBON  
DIOXIDE,IRRIT ALDEHYDES & KETONES & COMBUST PROD OR CMPDS OF  
SULFUR(INCLUDE H<sub>2</sub>S).

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

Waste Disposal Methods:PROD EVALUATED FOR RCRA CHARACTER-DOESN/T MEET  
CRITERIA OF HAZ WASTE IF DISCARDED IN PURCHASED FORM.PER RCRA USER

RESPONSIBILITY TO DETERMINE @TIME OF DISPO WHETHER HAZ WASTE  
BECAUSE USES/TRANSFORM/MI XTURES/PROCESS/ETC MAY RENDER HAZ.NO SARA  
SEC 313.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
docu

ment should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.