

TEXACO LUBRICATNS CO,DIV OF TEXACO REFIN/MAKT INC -- 26412 URSA SUPER PLUS MOTOR OILS (SUPPLEMENTAL) -- 9150-00-191-2772

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

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

MSDS Date:12/19/1996

FSC:9150

NIIN:00-191-2772

MSDS Number: CDNPB

=== Responsible Party ===

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

Box:4427

City:HOUSTON

State:T

X

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 H

YDROTREATED

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

Repo

Results 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:

FLUSH 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/D  
ETERMINED  
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  
APPROPRIATE  
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 GASOL  
LINE 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 RE

SP

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

Supplementa

I 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.

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

HCC:V6

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

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

Decomp Tem

p: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

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W/STRONG OXIDIZERS.

Stability Condition to Av

oid: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 USE

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

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