

TEXACO LUBRICANTS COMPANY -- URSA SUPER PLUS MOTOR OILS,26412,02112 SAE 30 --
9150-00-188-9858

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

Product ID:URSA SUPER PLUS MOTOR OILS,26412,02112 SAE 30

MSDS Date:03/03/1998

FSC:9150

NIIN:00-188-9858

MSDS Number: CHHMM

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:800-782-7

852/914-838-7204 (#4;MSDS)

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

CAGE:OTTJ3

=== Contractor Identification ===

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

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 N

ame:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),
HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 65 - 80%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 10 - 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY
HYDROTREATED

CAS:64741-88-4

RTECS #:PY8040501

Fraction by Wt: 3 - 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT REFINED LIGHT PARAFFINIC PETROLEUM
DISTILLATES/PETROLEUM OIL

CAS:64741-89-5

RTECS #:PY8041500

Fraction by Wt: 0 - 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE
CA

S:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 0 - 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MODIFIED POLYOLEFIN AMIDE ALKYLENEAMINE DISPERSANT

Fraction by Wt: 3 - 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC ALKYL DITHIOPHOSPHATE/PHOSPHORODITHOIC ACID, O-O-D1
C1-14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP)

CAS:68649-42-3

Fraction by Wt: 1 - 3%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identifi

cation =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 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:TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- EYE:MAY IRRITATE SLIGHTLY.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.

INHALE:MIST/VAPOR (GENERATED AT HIGH TEMPERATURES) IRRITATES RESPIRATORY TRACT. ORAL:IF MORE THAN SEVERAL MOUTHFULS ARE

SWALLOWED, NAUSEA, DIARRHEA MAY OCCUR. CHRONIC- NONE.

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:IRRITATION, REDNESS, SWELLING, NAUSEA, VOMITING, DIARRHEA, DISCOMFORT

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. EY

ES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.

SKIN:WIPE OFF EXCESS & WASH SKIN WITH SOAP & WATER. ORAL:IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED, DRINK 2 GLASSES OF WATER. CALL PHYSICIAN.

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

Flash Point Method:COC

Flash Point:>400F,>204C

Extinguishing Media:WATER FOG/SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL.

DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.

Fire Fighting Procedures:W

EAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:TOXIC GASES

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. WIPE UP OR PICK-UP SPILL WITH INERT ABSORBENT MATERIAL SUCH AS DIATOMACEOUS EARTH, SAND OR VERMICULITE. SWEEP UP AND TRANSFER TO A CONTAINER FOR PROPER DISPOSAL. IF >840,265 LBS ARE SPILLE

D, REPORT TO
AUTHORITIES.
Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. AVOID WATER CONTAMINATION.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED ORGANIC VAPOR AND MIST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:WASH AT MEALTIME AND END OF SHIFT.

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
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HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.88 - 0.91

Viscosity:45-215CST104F

Appearance and Odor:BRIGHT AND CLEAR LIQUID

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING ALDEHYDES, KETONES, SULFUR COMPOUNDS MAY BE FORMED.

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Disposal Considerations
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Waste Disposal

Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THIS PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE IF DISCARDED IN ITS PURCHASED FORM.

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