

TEXACO LUBRICANTS COMPANY -- URSA SUPER PLUS MOTOR OILS,26412,02120 SAE 10 W-30 --
9150-01-230-9748

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

Product ID:URSA SUPER PLUS MOTOR OILS,26412,02120 SAE 10 W-30

MSDS Date:03/03/1998

FSC:9150

NIIN:01-230-9748

MSDS Number: CHHSB

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num

:800-782-7852/914-838-7204 (#4;MSDS)

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

CAGE:TEXLU

=== Contractor Identification ===

Company Name:TEXACO LUBRICANTS

CAGE:TEXLU

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

CAS:647

42-65-0

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 REVFINED HEAVY PARAFFINIC, SEVERELY
HYDROTREATED

CAS:64741-88-4

RTECS #:PY804050

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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
CAS:64742-46-7
RTECS #:JN9379645
Fraction by Wt: 0 - 10%
Other REC Limits:NONE RECOMMENDED
OS
HA 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

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

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 R
ESPIRATORY 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 SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO
THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. EYES: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:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. HAZARDOU
S 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 SPILLED, REPORT TO
AUTHORITIES.
Neutralizing Agent:NOT RELEVANT

===== Handl
ing and Storage =====

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. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING
SHOES THAT CANNOT BE DECONTAMINATED.

===== Exposure Controls/Person

al Protection =====

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 MI ST 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 RE
COMMENDED

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

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.88 -
0.91

Viscosity:45-215CST104F

Appearance and Odor:BRIGHT AND CLEAR LIQUID

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

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.

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

Waste Disposal Methods:DISPOSE OF IN ACCO

RDANCE 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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