

TEXACO LUBRICANTS COMPANY -- 2110 URSA SUPER PLUS SAE 10W -- 9150-01-040-2236
===== Product Identification =====

Product ID:2110 URSA SUPER PLUS SAE 10W
MSDS Date:10/31/1996
FSC:9150
NIIN:01-040-2236
MSDS Number: CCMJM
=== Responsible Party ===
Company Name:TEXACO LUBRICANTS COMPANY
Address:A DIVISION OF TEXACO REFINING AND MARKET
Box:4427
City:HOUSTON
State:TX
ZIP:77210-4427
Country:US
Info Phon
e Num:800-782-7852
Emergency Phone Num:914-831-3400, CHEMTREC 800-424-9300
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:64742-65-0
RTECS #:PY

8038500

Fraction by Wt: 65-80%

Other REC Limits:TWA: 5 MG/M3

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

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 20-35%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ZINC DIALKYLDITHIOPHOSPHATE,

CAS:84605-29-8

Fraction by Wt: .1-.99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC 0,0-BISISODECYL DITHIOPHOSPHATE

CAS:25103-54-2

Fraction by Wt: .1-.99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0

Fraction by Wt: 1-3%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5G/KG

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

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

Health Hazards Acute and Chronic:OVERHEATING MAY RELEASE H2S GAS;ABOVE
300PPM MAY CAUSE RESPIRATORY PARALYSIS.EY

ES:MAY CAUSE MINIMAL

IRRITATION. SKIN:MAY CAUSE SLIGHT IRRITATION;PROLONGED CONTACT MAY
CAUSE MORE SEVERE IRRITATION.INGE ST:MAY CAUSE GI TRACT
IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:H2S INTOXICATION: HEADACHE, DIZZINESS, NAUSEA,
VOMITING, DIARRHEA, PULMONARY EDEMA. EYES: MINIMAL IRRITATION.
SKIN: REDNESS OR SWELLING. I

NHALATION: HEADACHE, NAUSEA,
DROWSINESS. INGESTION: NAUSEA, AB DOMINAL DISCOMFORT, DIARRHEA.
Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING
PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS.

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First Aid Measures
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.GET MEDICAL ATTENTION IF IRRITATION PERSISTS.EYES:FLUSH WITH
WATER FOR 15 MINUTES.GET MEDICAL ATTENT
ION IF IRRITATION
PERSISTS.INHAL: REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL
RESPIRATION IF NEEDED.INGEST: DO NOT INDUCE VOMITING.GET PROMPT
QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS, GIVE 2 GLASSES OF WATER.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:>400F,>204C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:H2S MAY BE RELEASED IF OVERHEATED.

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Accidental Release Measures
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Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT
ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE
CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE
SLIPPERI
NESS.AVOID RUNOFF INTO WATER WAYS.REPORT SPIL LS RESULTING
IN SHEEN UPON WATER TO 800-424-8802.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, OPEN FLAMES,WATER AND
STRONG OXIDANTS. KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions:H2S MAY BUILD UP IN THE HEADSPACE OF CONTAINERS AFTER
PROLONGED STORAGE OR HIGH TEMPERTURES;USE CAUTION WHEN OPENING

CONTAINERS. AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:NITRILE GLOVES.

Eye Protection:SPLASH GOGGLES IF MISTING.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES

Supplemental Safety and Health

VISCOSITY MEASURED AT 104F.USED GASOLINE MOTOR OILS HAVE BEEN SHOWN TO CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED TO MOUSE SKIN WITHOUT ANY EFFORT TO REMOVE THE MATERIAL BETWEEN APPLICATIONS. THERE IS NO EVIDENCE OF A CAUSAL RELATIONSHIP BETWEEN SKIN CANCER IN HUMANS AND EXPOSURE TO USED MOTOR OIL.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.88 - .91

Viscosity:45.1-215 CST

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

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

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

Stability Indica

tor/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: AVOID WATER CONTAMINATION.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, KETONES, SULFUR COMPOUNDS (INCLUDING H₂S).

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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