

TEXACO LUBRICANTS COMPANY -- 02109 URSA SUPER PLUS SAE 15W-40 -- 9150-01-352-2962

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

Product ID:02109 URSA SUPER PLUS SAE 15W-40

MSDS Date:05/12/1994

FSC:9150

NIIN:01-352-2962

MSDS Number: BXCQM

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:800-782-7852

Emergency Phone Num:914

-831-3400 800-424-9300(CHEMTREC)

Preparer's Name:MANAGER PRODUCT SAFETY

CAGE:TEXLU

=== Contractor Identification ===

Company Name:TEXACO LUBRICANTS

CAGE:TEXLU

Company Name:TEXACO LUBRICANTS CO AFFIL OF TEXACO INC

Address:158 PRIVATE DR 8323

Box:City:PROCTORVILLE

State:OH

ZIP:45669

Country:US

Phone:614-886-7508

CAGE:0TTJ3

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

Ingred Name:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY
HYDROTREATED (NON-CARCINOGENIC -
IARC)

CAS:64741-88-4

RTECS #:PY8040501

Fraction by Wt: 65-75.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM OIL

CAS:64741-89-5

RTECS #:PY8041500

Fraction by Wt: 10-19.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC

CAS:64742-56-9

RTECS #:PY8039500

Fraction by Wt: 3-9.99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED

:64742-65-0
RTECS #:PY8038501
Fraction by Wt: 3-9.99%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKENYLSUCCINIMIDE DISPERSANT, ACCESSION NUMBER 110544
Fraction by Wt: 3-9.99%
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
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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:EYES:MAY CAUSE MINIMAL
IRRITATION.SKIN:MAY CAUSE IRRITATION AND DEFATTING.INGEST:MAY CAUSE
GI TRACT IRRITATION.INHAL:PRODUCT EXPOSED TO HIGH TEMPERATURES MAY
RELEASE H*2S(SEE HYDROGEN SULFIDE EXPOSURE IN SIGNS AND
SYMPTOMS).MAY CAUSE RESPIRATORY IRRITATION.

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

Effects of Overexposure:EYES:TEMPORARY
DISCOMFORT.SKIN:REDNESS,RASH.INHAL:HEADACHE,NAUSEA,DROWSINESS.INGES
T:ABDOMINAL DISCOMFORT,NAUSEA,DIARRHEA.HYDROGEN SULFIDE
EXPOSURE:HEADACHE,DIZZINESS,NAUSEA,DIARRHEA,FLUID ON THE LUNGS .MAY
LEAD TO PARALYSIS,UNCONSCIOUSNESS AND DEATH.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING
PROPERTIES, PROLONGED AND REPEATED S

KIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS.

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

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 ATTENTION IF IRRITATION
PERSISTS.INHAL:REMOVE T O FRESH AIR.GIVE OXYGEN OR ARTIFICIAL
RESPIRATION IF NEEDED.INGEST:IF MORE THAN 2 MOUTHFULS ARE
SWALLOWED,GIVE 2 GLASSES OF WATER(IF CONSCIOUS).
GET PROMPT
QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:>440F,>227C
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.
Unusual Fire/Explosion Hazard:HYDROGEN SULFIDE MAY BE RELEASED IF
OVERHEA
TED.COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:USE PROPER RESPIRATORY AND PROTECTIVE
EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE INERT
ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.AVOID
CONTAMINATION OF SEWERS AND WATERWAYS.
Neutralizing Agent:NOT APPLICABLE.

===== 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 AND STRONG
OXIDANTS. KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions:AVOID WATER CONTAMINATION.HYDROGEN SULFIDE MAY BE
PRESENT IN THE HEADSPACE OF THE CONTAINER IF IT HAS BEEN EXPOSED TO
HIGH TEMPERATURES DURING STORAGE.AVOID EYE AND SKIN CONTACT. DO NOT
BREATHE VAPORS .

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

Respir

atory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED
RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.ALWAYS
MONITOR AVAILABLE OXYGEN LEVEL BEFORE ENTERING ENCLOSED SPACES.
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. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD
CONTAMINATED SHOES
Supplemental Safety and Health
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 REL
ATIONSHIP BETWEEN SKIN CANCER IN HUMANSAND EXPOSURE TO USED MOTOR
OIL.

===== Physical/Chemical Properties =====
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HCC:V6
Vapor Pres:NEGLIGIBLE
Vapor Density:>1
Spec Gravity:0.891
Viscosity:110CST@104F
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIQUID;PALE;MINERAL OIL ODOR.
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION.AVOID WATER CONTAMINATION.
Hazardous Decomposition Products:CA
RBON DIOXIDE,CARBON
MONOXIDE,HYDROGEN SULFIDE,IRRITATING ALDEHYDES,KETONE,SULFUR
COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.

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