

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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===== 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.

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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 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.

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Fire Fighting Measures  
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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.

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Accidental Release Measures  
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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.

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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 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 .

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Exposure Controls/Personal Protection  
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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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