

TEXACO REFINING & MKTG,TEXACO LUBRICANTS CO DIV -- 02109 URSA SUPER PLUS SAE 15W-40  
-- 9150-01-351-9018

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

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

MSDS Date:01/10/1994

FSC:9150

NIIN:01-351-9018

MSDS Number: BSYQF

=== Responsible Party ===

Company Name:TEXACO REFINING & MKTG,TEXACO LUBRICANTS CO DIV

Address:1111 RUSK ST

Box:4427

City:HOUSTON

State:TX

ZIP:77210

-4427

Country:US

Info Phone Num:914-838-7204

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

Preparer's Name:NONE

CAGE:2R503

=== Contractor Identification ===

Company Name:TEXACO CHEMICAL CO DIV OF TEXCAO INC

Address:4800 FOURNACE PL

Box:City:BELLAIRE

State:TX

ZIP:77401

Country:US

Phone:713-961-3711

CAGE:19630

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/In

formation on Ingredients =====

Ingred Name: EITHER INGREDIENT #2 AND #3 IS PART OF THIS PRODUCT, MAKING UP 80.00% TO 94.99% OF THE PRODUCT.

RTECS #: 9999999ZZ

Fraction by Wt: 80-95%

Ingred Name: SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

CAS: 64742-65-0

RTECS #: PY8038500

Fraction by Wt: 80-94.9%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (MIST) 9394

Ingred Name: SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

CAS: 64742-54-7

RTECS

#: PY8035500

Fraction by Wt: 80-94.9%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (MIST) 9394

Ingred Name: ALKENYLSUCCINIMIDE DISPERSANT (ACC#110544)

Fraction by Wt: 3-9.99%

Other REC Limits: NONE RECOMMENDED

Ingred Name: ZINC DITHIOPHOSPHATE

CAS: 25103-54-2

Fraction by Wt: 0.1-.99%

Other REC Limits: NONE RECOMMENDED

Ingred Name: ZINC DIALKYLDITHIOPHOSPHATE

CAS: 84605-29-8

Fraction by Wt: 0.1-.99%

Other REC Limits: NONE RECOMMENDED

Ingred Name: VOLATILE ORGANIC COMPOUNDS

OUNDS

RTECS #: 9999999VO

Fraction by Wt: 100%

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

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

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

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

Health Hazards Acute and Chronic: ACUTE: EYES: MAY CAUSE MINIMAL

IRRITATION. SKIN: BRIEF CONTACT IS NOT IRRITATING. PROLONGED

CONTACT MAY CAUSE DEFATTING OR IRRITATION. INHALATION: VAPORS OR

MIST MAY CAUSE IRRITATION O

F NOSE AND THROA T. INGESTION: NO

ADVERSE EFFECTS EXPECTED. CHRONIC: NO ADVERSE EFFECTS ANTICIPATED.

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:EYES: IRRITATION, DISCOMFORT. SKIN: IRRITATION, REDNESS, DEFATTING. INHALATION: IRRITATION OF NOSE AND THROAT, HEADACHE, NAUSEA, DROWSINESS. INGESTION: ABDOMINAL DISCOMFORT, NAUSEA, DIARRHEA.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION).

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION . INHALATION: MOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. INGESTION: IF MORE THAN SEVERAL MOUTHFULS SWALLOWED, GIVE 2 GLASSES OF WATER. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:450F,232C

Extinguishing Media:ACCORDING TO NFPA GUIDE, USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF LEAK OR SPILL NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS AND PROVIDE PROTECTION FOR PERSONS STOPPING LEAK.

Unusual Fire/Exp

losion Hazard:NONE.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL. SHOVEL INTO SUITABLE CONTAINER FOR DISPOSAL. PREVENT E NTRY INTO SEWERS AND WATERWAYS. AVOID CONTACT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. AVOID WATER CONTAMINATION.

Other Precautions:EMPTY CONTAINERS CAN BE HAZARDOUS. CUTTING OR WELDING OF EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOSION OR TOXIC FUMES FROM RESIDUES. DO NOT PRESSURIZE OR EXPOSE TO OPEN FLAME OR HEAT. KEEP CONTAINER CLOSED AND DRUM BUNGS IN PLACE.

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

Respiratory Protection:IF VAPOR, MIST OR DUST IS GENERATED, USE RESPIRATOR APPROVED BY NIOSH OR MSHA AS APPROPRIATE. SUPPLIED AIR RESPIRATOR SHOULD BE USED FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:PROVIDE ADEQUATE MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MEET RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:NONE SPECIFIED.

Eye Protection:CHEMICAL TYPE GOGGLES/FACE SHIELD.

Other Protective

Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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 RELATIONSHIP BETWEEN SKIN CANCER IN HUMANS AND EXPOSURE TO USED MOTOR OIL.

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

HCC:V6

Spec Gravity:0.891

Appearance and Odor:PALE LIQUID.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

THIS MATERIAL REACTS VIOLENTLY WITH STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, KETONES, OXIDES OF NITROGEN, SULFUR

, CALCIUM, ZINC,  
PHOSPHORUS.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

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

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