

TEXACO REFINING AND MARKETING INC. -- 02109 URSA SUPER PLUS SAE 15W-40 --  
9150-01-352-2962

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

Product ID:02109 URSA SUPER PLUS SAE 15W-40  
MSDS Date:09/15/1994  
FSC:9150  
NIIN:01-352-2962  
MSDS Number: BVFVB  
=== Responsible Party ===  
Company Name:TEXACO REFINING AND MARKETING INC.  
Address:1111 RUSK STREET  
City:HOUSTON  
State:TX  
ZIP:77002-3310  
Country:US  
Info Phone Num:713-650-5206  
Emergency Phone Num:713-650-5206, CHEMTREC 800-424-9300  
CAGE:2R503  
=== Contractor Identification ===  
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, SOLVENT REVFINE D HEAVY PARAFFINIC, SEVERELY  
HYDROTREATED (NON-CARCINOGENIC - IARC)  
CAS:64741-88-4  
RTECS #:PY8040501  
Fraction by Wt: 65-80%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM OIL  
CAS:64741-89-5  
RTECS #:PY8041500  
Fraction by Wt: 10-20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED  
(SEVERE), HEAVY PARAFFINIC  
CAS:64742-65-0  
RTECS #:PY8038501  
Fraction by Wt: 10-20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKENYLSUCCINIMIDE DISPERSANT ACC# 110544  
Fraction by Wt: 3-10%  
Other REC Limits:NONE RECOMMENDED

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LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5,000 MG/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 &/OR  
REPEATED CONTACT MAY CAUSE DEFATTING OR IRRITATION.  
INHALATION:VAPORS OR MIST MAY CAUSE IRRITATION OF NOSE AND THROAT,  
HEADACHE, NAUSEA, DROWSINESS. INGESTION:NO ADVERSE EFFECTS

EXPECTED. MASSIVE INGESTION:NAUSEA G/I DISTRESS.  
Explanation of Carcinogenicity:USED GASOLINE MOTOR OILS HAVE CUSED SKIN  
CANCER IN MICE IF NO EFFORT IS MADE AT REMOVAL. NO EVIDENCE OF THIS  
IN HUMANS.  
Effects of Overexposure:EYES:MINIMAL IRRITATION. SKIN:PROLONGED &/OR  
REPEATED CONTACT MAY CAUSE DEFATTING OR IRRITATION. INHALATION OF  
VAPORS OR MIST:IRRITATION OF NOSE AND THROAT, HEADACHE, NAUSEA,  
DROWSINESS. INGESTION:NO ADVERSE EFFECTS EXPECTED. MASSIVE  
INGESTION:NA  
USEA G/I DISTRESS.  
Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING  
PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN  
EXISTING DERMATITIS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.  
EYE:FLUSH W/WATER TO 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE  
CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM  
EXPOSURE. AI D OR RESTORE BREATHING AS NEEDED  
. INGESTED:DO NOT  
INDUCE VOMITING. FOR MASSIVE INGESTION, GIVE 1-2 GLASSES OF MILK OR  
WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:COC  
Flash Point:>440F,>227C  
Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON  
DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL  
CONTAINERS.  
Fire Fighting Procedures:NO SPECIAL EQUIPMENT OR PROCEDURES REQUIRED.  
Unusual Fire/Explosio

n Hazard:HYDROGEN SULFIDE MAY BE RELEASED IF  
OVERHEATED.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE  
APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN SPILL IF POSSIBLE. WIPE  
UP OR ABSORB ON SUITABLE MATERIAL. SHOVEL INTO SUITABLE CONTAINER  
FOR DISPOSAL. PREVENT ENTRY INTO SEWERS AND WATERWAYS. AVOID  
CONTACT.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

===== 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:NONE

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

Respiratory Protection:KEEP AIRBORNE CONCENTRATIONS AS LOW AS POSSIBLE.  
IF VAPOR OR MIST IS GENERATED, USE NIOSH/MSHA APPROVED RESPIRATOR  
IF EXPOSURE LIMITS ARE EXCEEDED. USE AIR SUPPLIED RESPIRATOR IF  
AIRBORNE CONCENTRATIONS ARE UNKNOWN.

Ventilation:PROVIDE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:MFR GAVE NO INFORMATION ON MSDS.

Eye Protection:SAFETY GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Equipment:MFR GAVE NO INFORMATION ON MSDS.

Work Hygienic Practices:WASH EXPOSED SKIN SEVERAL TIMES DAILY W/SOAP &  
WATER. LAUNDRY OR DRY CLEAN SOILED CLOTHING.

Supplemental Safety and Health  
NONE

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

HCC:V6

NRC/State Lic Num:NONE

Spec Gravity:0.891

Appearance and Odor:PALE LIQUID, MINERAL OIL ODOR.

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

Stability Indicator/Materials to Avoid:YES

THIS MATERIAL REACTS VIOLENTLY WITH STRONG OXIDIZERS.

Stability Condition to Avoid:EXTREME TEMPERATURES OR EXTENDED STORAGE  
PERIODS, HYDROGEN SULFIDE MAY ACCUMULATE IN THE HEAD-SPACE OF  
CONTAINERS.

Hazardous Decomposition Products:CARBON MONO

XIDE, CARBON DIOXIDE,  
ALDEHYDES, KETONES, OXIDES OF SULFUR.  
Conditions to Avoid Polymerization:DO NOT OCCUR

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

Waste Disposal Methods:PRODUCT HAS BEEN EVALUATED FOR RCRA  
CHARACTERISTICS AND DOES NOT MEET CRITERIA OF A HAZARDOUS WASTE IF  
DISCARDED IN ITS PURCHASED FORM. USER IS RESPONSIBLE FOR  
DETERMINING THE CHARACTERISTICS OF THE MATERIAL AT TIME OF  
DISPOSAL.

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