

TEXACO REFINING AND MARKETING INC. -- 2109 URSA SUPER PLUS SAE 15W-40 --
9150-01-351-9018

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

Product ID:2109 URSA SUPER PLUS SAE 15W-40
MSDS Date:01/31/1996
FSC:9150
NIIN:01-351-9018
MSDS Number: BZBFN
=== 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 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 #:PY8038500
Fr

action by Wt: 80-94.9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:72623-83-7
Fraction by Wt: 1-2.99%
Other REC Limits:NONE RECOMMENDED

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

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

LD50 LC50 Mixture:ORAL LD50 (RATS): >
5.00 G/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE MINIMAL EYE IRRITATION.

PROLONGED SKIN CONTACT MAY CAUSE IRRITATION AND DISCOMFORT. VAPOR
OR MIST MAY CAUSE IRRITATION OF THE NOSE, THROAT, HEADACHE, NAUSEA
AND DROWSINESS. INGESTION OF MORE THAN SEVERAL MOUTHFULS MAY CUASE
ADSOMINAL DISCOMFORT, NAUSEA AND DIARRHEA.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS N

O INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN

IRRITATION/DISCOMFORT/REDNESS/SWELLING, NOSE/THROAT IRRITATION,
HEADACHE, NAUSEA, DROWSINESS, ABDOMINAL DISCOMFORT, NAUSEA,
DIARRHEA.

Medical Cond Aggravated by Exposure:REPEATED SKIN CONTACT MAY AGGRAVATE
AN EXISTING DERMATITIS.

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

First Aid:EYES: FLUSH WITH WATER F

OR 15 MINUTES WHILE HOLDING EYELIDS

OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: IF MORE THAN SEVERAL MOUTHFULS ARE INGESTED, GIVE TWO GLASSES OF WATER. GET MEDICAL ATTENTION.

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

Flash Point Method: COC

Flash Point: >400F, >204C

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: H*2S MAY BE RELEASED IF OVERHEATED.

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

Spill Release Procedures: VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE P

PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE RESPIRATORY PROTECTION. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO WATERWAYS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:

WATER CONTAMINATION SHOULD BE AVOIDED.

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

Respiratory Protection: IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation: LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves: WA

SH WITH SOAP AND WATER.

Eye Protection:SAFETY GLASSES, CHEMICAL TYPE GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

SOILED WORK CLOTHING SHOULD BE LAUNDERED OR DRY-CLEANED.

===== Physical/Chemical Properties

=====

HCC:V6

Spec Gravity:0.88

Viscosity:45.1-215 CST

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID,BRIGHT,CLEAR.ODOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID WATER CONTAMINATION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES AND COMBUSTION PRODUCTS OR COMPOUNDS OF SULFUR.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.