

TEXACO REFINING AND MARKETING INC. -- 25412 URSA SUPER PLUS MOTOR OILS --  
9150-01-422-8899

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

Product ID:25412 URSA SUPER PLUS MOTOR OILS

MSDS Date:01/31/1996

FSC:9150

NIIN:01-422-8899

MSDS Number: BZJMQ

=== 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:80

0-782-7852

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

CAGE:2R503

=== Contractor Identification ===

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

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 D

ISTILLATE, SOLVENT DEWAXED (MILD),  
HEAVY PARAFFINIC  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 80-94.9%  
Other REC Limits:5 MG/M3 (OIL MIST)

Ingred Name:LUBRICATING OILS, C > 26 , HYDROTREATED BRIGHT STOCK-BASED  
OR MINERAL OIL  
CAS:72623-83-7  
Fraction by Wt: 1-2.99%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL  
CAS:72623-83-7  
Fraction by Wt: 1-3%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:OR  
AL LD50 (RAT) IS >5000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION OF VERY LARGE  
CONCENTRATIONS OF VAPORS/MISTS MAY CAUSE IRRITATION OF NOSE/THROAT  
& CNS EFFECTS. CONTACT MAY CAUSE SKIN & EYE IRRITATION. IF MORE  
THAN SEVERAL MOUTHFULS ARE SWALLOWED, GI TRACT IRRITATION MAY  
OCCUR. CHRONIC: NO ADVERSE EFFECTS HAVE BEEN REPORTED.  
Explanation of Carcinogenicity:NO INGR  
EDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED-IRRITATION OF NOSE & THROAT, HEADACHE,  
NAUSEA, DROWSINESS. EYES-IRRITATION, DISCOMFORT. SKIN-IRRITATION,  
DISCOMFORT, LOCAL REDNESS, SWELLING. INGESTED-ABDOMINAL DISCOMFORT,  
NAUSEA, DIARRHEA. EXPOSURE TO HYDROGEN SULFIDE-IRRITATION OF EYES  
& RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA, VOMITING,  
DIARRHEA.....  
Medical Cond Aggravated by Exposure:REPEATED SKIN CONTACT MAY AGGRAVATE  
EXISTING DERMATITIS.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR  
15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &  
WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL  
RESPIRATION AS NEEDED. INGESTED-DRINK TWOGLASSES OF WATER. GET  
MEDICAL ATTENTION.

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

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Flash Point Method:COC

Flash Point:>400F,>204C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
WATER MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:HYDROGEN SULFIDE MAY BE RELEASED IF  
OVERHEATED.

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

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

APPROPRIATE PERSONAL PROTECTIVE GEAR. CONTAIN SPILL. WIPE UP OR  
ABSORB WITH INERT MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO  
WATERWAYS & SEWERS. AVOID CONTACT WITH SKIN & CLOTHES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WATER CONTAMINATION SHOULD BE AVOIDED.  
MINIMIZE TIME OF EXPOSURE TO HIGH TEMPERATURES. STORE IN A COOL,  
DRY PLACE AWAY FROM STRONG OXIDIZING AGENTS.

Other Precautions:MINIMIZE FEASIBLE HANDLING TEMPERATURES SHOULD BE  
MAINTAINED.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH  
ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS  
REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protect

ive Gloves:NITRILE IF REQUIRED.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION.

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

Supplemental Safety and Health

PAI ENGINE CERTIFICATION CD-II, CF-4, SG AND REFINED.

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

HCC:V6

Spec Gravity:0.88

Viscosity:>45.1 CST@40C

Appearance and Odor:BRIGH

T & CLEAR LIQUID.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: HYDROGEN SULFIDE, TOXIC LEVELS OF  
CARBON MONOXIDE & CARBON DIOXIDE, IRRITATING ALDEHYDES & KETONES,  
SULFUR COMPOUNDS.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste

Disposal Methods: NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
ENVIRONMENTAL REGULATIONS.

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