

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 =====

=====

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. LAUNDER 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.

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.