

TEXACO REFINING AND MARKETING INC. -- 2109 SAE 15W-40;26412 URSA SUPER PLUS MOTOR OIL -- 9150-01-422-8899

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

Product ID:2109 SAE 15W-40;26412 URSA SUPER PLUS MOTOR OIL

MSDS Date:05/02/1996

FSC:9150

NIIN:01-422-8899

MSDS Number: CCMDW

=== Responsible Party ===

Company Name:TEXACO REFINING AND MARKETING INC.

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Inf

o Phone Num:914-838-7204 800-782-7852

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

CAGE:2R503

=== Contractor Identification ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Phone:914-831-3400

CAGE:7B131

Company Name:TEXACO PIPELINE INC (SUB OF TEXACO INC)

Address:9700 RICHMOND AVE

Box:42286

City:HOUSTON

State:TX

ZIP:77242-2286

Country:US

Phone:713-953-4260

CAGE:3B431

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

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),  
HEAVY PARAFFINIC  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 65-80%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED  
(MILD), HEAVY PARAFFINIC  
CAS:64742-54-7  
RTECS #:PY8035500  
Fraction by Wt: 20-40%  
Other REC Limits:NONE RECOMMENDED  
OSH  
A PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

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

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Hazards Identification  
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LD50 LC50 Mixture:TLV FOR OIL MIST IS 5MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE MINIMAL  
IRRITATION.SKIN:MAY CAUSE SLIGHT IRRITATION.INGEST:SWALLOWING MOR  
E  
THAN SEVERAL MOUTHFULS MAY CAUSE GI TRACT IRRITATION.INHAL:VAPORS  
IN CONFINED SPACES MAY CAUSE RESPIRATORY IRR ITATION.EXPOSURE TO  
H\*2S MAY CAUSE RESPIRATORY PARALYSIS.  
Explanation of Carcinogenicity:USED GASOLINE MOTOR OIL IS A POSSIBLE  
SKIN CANCER HAZARD.  
Effects of  
Overexposure:INGEST:NAUSEA,DIARRHEA.SKIN:REDNESS,SWELLING.INHAL:HEA  
DACHE,NAUSEA,DROWSINESS.H\*2S EXPOSURE ABOVE  
300PPM:HEADACHE,DIZZINESS,NAUSEA,DIARRHEA,PULMONARY EDEMA.  
Medical Cond Aggravated by Exp

osure:BECAUSE OF ITS DEFATTING  
PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN  
EXISTING DERMATITIS.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.GET MEDICAL ATTENTION IF IRRITATION PERSISTS.EYES:FLUSH WITH  
WATER FOR 15 MINUTES.GET MEDICAL ATTENTION IF IRRITATION  
PERSISTS.INHAL:REMOVE T O FRESH AIR.GIVE OXYGEN OR ARTIFICIAL  
RESPIRATION IF NEEDED.INGEST:DO NOT IND  
UCE VOMITING.GET PROMPT  
QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 2-16OZ. GLASSES OF  
WATER.

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

Flash Point Method:COC  
Flash Point:>400F,>204C  
Extinguishing Media:USE WATER SPRAY, 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 WATE  
R SPRAY.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:REMOVE PERSONNEL. VENTILATE AREA. WEAR  
PROTECTIVE CLOTHING AND EQUIPMENT. DIKE AND CONTAIN. ABSORB IN  
INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND  
COVER. WASH AREA WITH SOAP AND WATER .AVOID ENTRY INTO SEWERS.

===== Handling and St  
orage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH  
ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, OPEN FLAMES AND STRONG  
OXIDANTS. KEEP CONTAINERS TIGHTLY CLOSED.  
Other Precautions:HYDROGEN SULFIDE MAY ACCUMULATE IN CONTAINER  
HEADSPACE.AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.SOILED  
LAUNDRY SHOULD BE DRY-CLEANED.AVOID WATER CONTAMINATION.

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

Respiratory Protection:

WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:WASH WITH SOAP AND WATER.

Eye Protection:SPLASH GOGGLES IF MISTING.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES

Supplemental Safety and Health

VISCOSITY:45.1-215CST@104F.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

Vapor Pres:NEGLIGIBLE

Spec Gravity:0.88-0.91

Viscosity:45.1-215CS

Appearance and Odor:BRIGHT CLEAR LIQUID.ODOR NOT DETERMINED.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:H<sub>2</sub>S(IF OVERHEATED).

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Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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