

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

In

fo 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
OS
HA 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 MO
RE
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 Ex

posure: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 INDUCE 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 WATER 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 Storage =====

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 T HOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRER 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*2S(IF OVERHEATED).

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

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