

TEXACO REFINING AND MARKETING INC. -- 01564 ALMAG OIL -- 9150-01-048-9554

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

Product ID:01564 ALMAG OIL

MSDS Date:12/19/1996

FSC:9150

NIIN:01-048-9554

MSDS Number: CHMDS

=== 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:71

3-650-5206, CHEMTREC 800-424-9300

Preparer's Name:MANAGER, PRODUCT SAFETY

CAGE:2R503

=== Contractor Identification ===

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

Company Name:UNITED PROCUREMENT

Address:3655 RUFFIN RD SUITE 230

Box:City:SAN DIEGO

State:CA

ZIP:92123

Country:US

Phone:619-467-9880

CAGE:0PHG7

===== Composition/Information on Ingredients =====

Ingred Name:MINE

RAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

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

CAUSE SLIGHT SKI

N IRRITATION. INHALATION OF VERY HIGH

CONCENTRATIONS OF VAPOR/ MIST MAY CAUSE RESPIRATORY IRRITATION,

NAUSEA, DROWSINESS. INGESTION MAY CAUSE GI T RACT IRRITATION.

ASPIRATION MAY CAUSE LUNG DAMAGE. CHRONIC: NO ADVERSE EFFECTS HAVE

BEEN DOCUMENTED IN HUMANS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYES-IRRITATION, TEMPORARY DISCOMFORT. SKIN

-

SLIGHT IRRITATION, DISCOMFORT, SWELLING, REDNESS.

INHALED-RESPIRATORY IRRITATION OF NOSE/THROAT, HEADACHE, NAUSEA &

DROWSINESS. INGESTED- ABDOMINAL DISCOMF ORT, NAUSEA, DIARRHEA.

Medical Cond Aggravated by Exposure:BEUCASE OF ITS IRRITATING

PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING

DERMATITIS.

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===== 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 R ESPIRATION AS NEEDED. INGESTED-IF CONSCIOUS, GIVE 2

GLASSES WATER. DO NOT INDUCE VOMITING!

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

Flash Point Method:COC

Flash Point:295F,146C

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROT

ECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE GEAR. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB WITH INERT MATERIAL & SHOVEL UP. PREVENT ENTRY INTO SEWERS & WATERWAYS. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP LIQUID/VAPOR AWAY FROM HEAT, SPARKS & FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. IGNITED VAPORS MAY EXPLODE.

Other Precautions:"EMPTY" CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR NEAR CONTAINERS.

STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND CONTAINERS, FIXED & TRANSFER EQUIPMENT.

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

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR. EITHER AN AIR-SUPPLIED OR AIR-PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES IS RECOMMENDED.

Ventilation:USE EXPLOSION-PROOF LOCAL AND/OR MECHANICAL VENTILATION.

AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:INDUSTRIAL WORK CLOTHING TO MINIMIZE CONTACT. RUBBER APRON AND BOOTS AS REQUIRED. EYE BATH AND SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE

E.
Supplemental Safety and Health

UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311.
SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE
REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424- 8802. UNDE R
EPA-CERCLA, RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE
NATIONAL RESPONSE CENTER, 800-424-8802.

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

HCC:V6
Spec Gravity:0.865
Viscosity:9.49CST@40C
Appearance and Odor:
PALE LIQUID; OIL-TYPE ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ALDEHYDES & KETONES.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:USER IS RESPONSIBLE FOR DETERMININ
G IF WASTE IS
CONSIDERED HAZARDOUS UNDER RCRA. MATERIAL IS NOT A HAZARDOUS WASTE
IN ITS UNUSED FORM. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
LOCAL, STATE AND FED ERAL REGULATIONS.

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