

TEXACO LUBRICANTS CO -- 01564 ALMAG OIL -- 9150-01-048-9554

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

Product ID:01564 ALMAG OIL

MSDS Date:07/20/1998

FSC:9150

NIIN:01-048-9554

MSDS Number: CJSSF

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS CO

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:914-838-7204

Emergency Phone Num:914-831-3400

Preparer's Name:MANAGER, PRODUCT SAFETY

Chemtrec Ind/Phone:(800)424-9300

CAGE:2R503

=== Contractor Identification ===

Company Name:B&M ENTERPRISES

Address:17350 TEMPLE AVE

Box:City:LA PUENTE

State:CA

ZIP:91744

Country:US

Phone:818-912-1275

CAGE:097K0

Company Name:DAVIS HOWLAND OIL CORP.

Address:200 ANDERSON AVE.

City:ROCHESTER

State:NY

ZIP:14607

Country:US

Phone:716-473-6650

CAGE:5A565

Company Name:TEXACO LUBRICANTS CO.

Address:DIVISION OF TEXACO REFINING & MARKETING

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Pho

ne:800-782-7852 OPTION 4
CAGE:MO741
Company Name:TEXACO CHEMICAL CO DIV OF TEXCAO INC
Address:4800 FOURNACE PL
Box:City:BELLAIRE
State:TX
ZIP:77401
Country:US
Phone:713-961-3711

CAGE:19630
Company Name:TEXACO INC
Box:509
City:BEACON
State:NY
ZIP:12508-0509
Country:US
Phone:914-831-3400

CAGE:7B131
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
Contract Num:SP0450-99-M-B0345
CAGE:2R503

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Compo
sition/Information on Ingredients =====

Ingred Name:HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)
CAS:64742-46-7
RTECS #:JN9379645
= Wt:100.

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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:EYES: MAY CAUSE MINIMAL EYE
IRRITATION. SKIN: MAY CAUSE SLIGHT SKIN IRRITATION. INHALAT

ION:

INHALATION OF VERY HIGH CONCENTRATIONS OF VAPOR/MIST MAY CAUSE RESPIRATORY IRRITATION, NAUSEA, DROWSINESS. INGESTION: INGESTION MAY CAUSE GI TRACT IRRITATION. ASPIRATION MAY CAUSE LUNG DAMAGE. SENSITIZATION PROPERTIES: UNKNOWN. 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: EYE

SKIN-IRRITATION, TEMPORARY DISCOMFORT.

SKIN-SLIGHT IRRITATION, DISCOMFORT, SWELLING, REDNESS.

INHALED-RESPIRATORY IRRITATION OF NOSE/THROAT, HEADACHE, NAUSEA & DROWSINESS. INGESTED-ABDOMINAL DISCOMFORT, NAUSEA, DIARRHEA.

Medical Cond Aggravated by Exposure: BECAUSE OF ITS IRRITATING PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid: EYES-FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS,

GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GET IMMEDIATE MEDICAL ATTENTION. INGESTED-IF CONSCIOUS, GIVE 2 GLASSES WATER. DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION. OTHER INSTRUCTIONS: ASPIRATION DURING EMESIS MAY RESULT ON SEVERE LUNG INJURY.

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

Flash Point Method: COC

Flash Point: =146.1C, 295.F

Autoignition Temp: Autoignition Temp Text: N/D

Lower Limits: N/D

Upper Limits: N/D

Extinguishing Media: NOT DETERMINED.

Fire Fighting Procedures: WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE TO EXTINGUISH FLAMES. WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. WATER/FOAM MAY CAUSE FROTHING. WEAR FULL PROTECTIVE CLOTHING & POSITIVE PRESSURE BREATHING APPARATUS.

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 ==

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Respiratory Protection:AVOID PROLONGED/REPEATED BREATHING OF VAPORS.IF EXPOSURE EXCEEDS OCCUPATIONAL LIMITS USE APPROPRIATE NIOSH/MSHA APPROVED AIR PURIFYING/AIR SUPPLIED RESPIRATOR AFTER DETERMINING THE AIRBORNE CONCENTRATION OF THE CONTAMINANT AIR-SUPPLIED/PURIFYING RESPIRATOR W/ORGANIC VAPOR CARTRIDGES IS RECOMMENDED.

Ventilation:ADEQUATE TO MEET OCCUPATIONAL EXPOSURE LIMITS. MINERAL OIL MIST: OSHA PEL-TWA 5MG/M3; ACGIH TLV-TWA 5MG/M3.

Protective Gloves:N

EOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES/SAFETY GLASSES & 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 EXPOSED SKIN SEVERAL TIMES DAILY W/ SOAP & WATER AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY/DRY-CLEAN CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUF

ACTURER.

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

HCC:V6
Boiling Pt:B.P. Text:N/D
Melt/Freeze Pt:M.P/F.P Text:N/D
Vapor Pres:N/D
Vapor Density:N/D
Spec Gravity:0.865
Viscosity:8.6 CST AT 40.0 C
Solubility in Water:N/D
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 De
composition Products:TOXIC LEVELS OF CARBON MONOXIDE,
CARBON DIOXIDE, IRRITATING ALDEHYDES & KETONES.
Conditions to Avoid Polymerization:DO NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:MEDIAL LETHAL DOSE: ORAL:LD50 >5.0 G/KG
(RAT). INHALATION: NOT DETERMINED. DERMAL: LD50 >2.0 G/KG (RABBIT).
IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES). SKIN:
(DRAIZE) 1.30 / 8.0 (RABBIT). EY ES: (DRAIZE) 4.0 / 110 (RABBIT).
SENSITIZATION: NOT DETERMINED. OTHER: SOME LOW VISCOSITY NAPHTHENIC
OILS HAVE CAUSED SKIN IRRITATION & SKIN TUMORS IN LABORATORY
ANIMALS WHEN REPEATEDLY APPLIED AND LE FT IN PLACE BETWEEN
APPLICATIONS. THE SIGNIFIGANCE OF THIS EFFECT TO HUMANS HAS NOT
BEEN ESTABLISHED.

===== Ecological Information =====

Ecological:AQUATIC TOXICITY: NOT DETERMINED. MOBILITY: NOT DETERMINED.
POTENTIAL TO BIOACCUMULATED: NOT DETERMINED. REMARKS: NOT
EVALUA

TED.

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

Waste Disposal Methods:USER IS RESPONSIBLE FOR DETERMINING 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 & FEDE RAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:US DOT/IMDG/ICAO/TDG: NOT REGULATED.

===== Regulatory Informa
tion =====

SARA Title III Information:SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 311 HAZARDOUS CATAGORIZATION: ACTE. SECTION 313 TOXIC CHEMICAL: NONE.

Federal Regulatory Information: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 REPO

RTABLE TO THE NATIONAL RESPONSE CENTER, 800-424-8802. CERCLA 102(A)/DOT HAZARDOUS SUBSTANCES: NONE. TSCA STATUS: THIS PRODUCT, OR ITS COMPONENTS , ARE LISTED ON OR ARE EXEMPT FROM THE TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENT ORY.

State Regulatory Information:CALIFORNIA PROPOSITION 65 SUBSTANCES: NONE.

===== Other Information =====

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