

OLYMPIC OIL LTD -- PENETRATING OIL -- 9150-00-261-7899

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Product Identification
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Product ID: PENETRATING OIL

MSDS Date: 09/15/1986

FSC: 9150

NIIN: 00-261-7899

MSDS Number: BQKNY

=== Responsible Party ===

Company Name: OLYMPIC OIL LTD

Address: 5000 W 41ST STREET

City: CICERO

State: IL

ZIP: 60650

Country: US

Info Phone Num: 708-458-8501

Emergency Phone Num: 708-458-8501

CAGE: 0WSZ9

=== Contractor Ident

ification ===

Company Name: OLYMPIC OIL LTD

Address: 5000 W 41ST ST

Box: City: CICERO

State: IL

ZIP: 60804

Country: US

Phone: 708-458-8500

CAGE: 0WSZ9

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Composition/Information on Ingredients
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Ingred Name: KEROSENE

CAS: 8008-20-6

RTECS #: OA5500000

Fraction by Wt: 20%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM 9091

Ingred Name: NEUTRAL OILS

Fraction by Wt: 79%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 AS OIL MIST

ACGIH TLV: 5 MG/M3 AS OIL MIST

Ingred Name:TALLOW OIL

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >25 ML/KG

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

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

Health Hazards Acute and Chronic:HIGH VAPOR LEVELS MAY CAUSE EYE IRRITATION. THE LIQUID IS SLIGHTLY IRRITATING TO THE SKIN.

PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING

WHICH MAY RESULT IN SKIN IRRITATION AND DERM ATITIS. INHALATION OF VAPORS MAY BE IRRITATING TO NOSE & LUNGS. MAY CAUSE CNS DEPRESSION. INGESTION MAY CAUSE VOMITING.

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 & RESPIRATORY TRACT IRRITATION.

CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION MAY BE EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS

AND NAUSEA. IN EXTREME CASES,

UNCONSCIOUSNESS AND DEATH MAY OCCUR. ASPIRATION OF VOMITUS INTO THE LUNGS MAY CAUSE COUGHING, LABORED BREATHING, CYANOSIS AND IN SEVERE CASES, DEATH.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND

RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDIC

AL ATTENTION IMMEDIATELY. SKIN: WASH WITH

SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL

ATTENTION. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION:

DO NOT INDUCE VOMITING. KEEP HEAD BELOW HIPS IF VOMITING OCCURS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:100F,38C

Extinguishing Media:USE WATER FOG, CARBON DIOX

IDE, FOAM, OR DRY
CHEMICAL.

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:ELIMINATE SOURCES OF IGNITION. WEAR
APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHI
NG. SHUT OFF SOURCE OF
LEAK IF SAFE TO DO SO. DIKE TO CONTAIN. REMOVE WITH VACUUM OR PUMP
TO STORAGE/SALVAGE VESSELS. ABSORB RESIDUE WITH INERT MATERIAL.
WATER FLUSH AREA.

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

Handling and Storage Precautions:STORE BELOW 120F. 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 CAR
TRIDGES 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

TING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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. UNDER EPA-CERCLA, RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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

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HCC:F4

Boiling Pt:B.P. Text:315F,157C

Melt/Freeze Pt:M.P/F.P Text:-90F,-68C

Vapor Pres: