

IMPERIAL OIL CO.,INC. -- MIL-L-2104F, OE-10 QUAL.# MC-3723 -- 9150-00-186-6668

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Product Identification
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Product ID:MIL-L-2104F, OE-10 QUAL.# MC-3723

MSDS Date:03/15/1994

FSC:9150

NIIN:00-186-6668

MSDS Number: BWFKG

=== Responsible Party ===

Company Name:IMPERIAL OIL CO.,INC.

Address:ORCHARD PLACE

Box:279

City:MORGANVILLE

State:NJ

ZIP:07751

Country:US

Info Phone Num:201-591-9400 - RICHA

D ROBINSON

Emergency Phone Num:908-591-9400/FAX -8825

Preparer's Name:PAUL LEWICKI

CAGE:58563

=== Contractor Identification ===

Company Name:IMPERIAL OIL CO INC

Address:FOOT OF ORCHARD PL

Box:279

City:MORGANVILLE

State:NJ

ZIP:07751

Country:US

Phone:732-591-9400/FAX: 732-591-8825

CAGE:58563

Company Name:NAUGHTON ENERGY CORP

Address:RT 940

Box:709

City:POCONO PINES

State:PA

ZIP:18350-0709

Country:US

Phone:570-646-0422

CAGE:1DL10

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Composition/Information on Ingredients
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES

CAS:64741-88-4

Fraction by Wt: 90-92%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:UN-NAMED INGREDIENT CLAIMED AS "PROPRIETARY"

Fraction by Wt: 8-10%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

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

Health Hazards Acute an

d Chronic:WHILE THIS PRODUCT MAY IRRITATE THE

SKIN FROM PROLONGED SKIN CONTACT THERE IS NO EVIDENCE OR TOXICOLOGICAL EVIDENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. IT HAS A LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION OF PRODUCT MIST MAY CAUSE PULMONARY PROBLEMS, OR PULMONARY INJURY, IF LEFT UNTREATED.

Explanation of Carcinogenicity:NO AVAILABLE DATA.

Effects of Overexposure:FROM HUMAN EXPERIENCE & THE AVAILABLE TECHNICAL DATA CONCERNING THIS PRODUCT &

DUE TO ITS LOW ORDER OF DERMAL, ORAL

& INGESTIVE TOXICITY, THE SIGNS & SYMPTOMS OF OVEREXPOSURE ARE UNKNOWN.

Medical Cond Aggravated by Exposure:DIRECT CONTACT W/THE EYES MAY CAUSE EYE IRRITATION, PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

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

First Aid:IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. IF SPLASHED INTO THE EYES, PURGE W/COPIOUS AMOUNTS OF WATER. IN CASE OF SKIN CONTACT

CLEANSE W/WATERLESS SOAP FOLLOWED BY THOROUGH WASHING W/SOAP & WATER.

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

Flash Point Method:COC

Flash Point:428F,220C

Lower Limits:N/A.

Upper Limits:N/A.

Extinguishing Media:CARBON DIOXIDE, WATER FOG, FOAM OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR MESA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. (SCHEDULE 13) USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:DIKE & CONTAIN SPILL W/INERT MATERIAL (SAND, EARTH, FULLERS EARTH, ETC.). TRANSFER LIQUID TO DRUMS OR OTHER CONTAINERS FOR RECOVERY OR DISPOSAL. AREA MAY BE SLIPPERY. CARE SHOULD BE TAKEN TO AVOID FAL LS. PREVENT MATERIAL FROM GETTING INTO SEWER

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions

:THESE LUBRICANTS BECOME VERY VISCOUS

WHEN STORED AT LOW TEMPERATURES, THEY CONGEAL AT TEMPERATURES FROM -12 TO -32C.

Other Precautions:USE PRODUCT W/CAUTION AROUND OPEN FLAMES, HEAT, SPARKS, PILOT LIGHTS & STATIC ELECTRICITY.

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

Respiratory Protection:USE SUPPLIED AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED.

Protective Gloves:IMPERVIOUS.

Eye Protection:SPLASH GOGGLES.

Other Protective Equi

ipment:EYEWASH FACILITY.

Work Hygienic Practices:MINIMIZE BREATHING VAPOR, MIST OR FUMES. REMOVE CONTAMINATED CLOTHING AND LAUNDRER OR DRY CLEAN BEFORE RE-USE.

Supplemental Safety and Health

OIL SOAKED SHOES SHOULD BE DISCARDED. EMPTY CONTAINER WARNING "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXP OSE SUCH CONTAINERS TO HEAT, FLAMES, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE & CAUSE INJURY.

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:600F,316C

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Vapor Pres:1 MM

Vapor Density:1

Spec Gravity: