

IMPERIAL OIL CO.,INC. -- MIL-L-2104E OE30;QUAL#MC-2877;XI-OE/HDO-30 -- 9150-00-186-6681
===== Product Identification =====

Product ID:MIL-L-2104E OE30;QUAL#MC-2877;XI-OE/HDO-30

MSDS Date:04/10/1989

FSC:9150

NIIN:00-186-6681

MSDS Number: BDHCD

=== 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 (OCTAGON PROCESS)

Emergency Phone Num:201-591-9400 (OCTAGON PROCESS)

Preparer's Name:WILLIAM J.MAHONEY

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:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

===== Composition/Information on

Ingredients =====

Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES(LUBE OIL BASE STOCK PER MSDS.)

CAS:64741-88-4

Fraction by Wt: 94-96%

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PROPRIETARY ADDITIVES;EXXON CHEMICAL CORPORATION PRODUCT;FOR INFORMATION CONTACT EXXON IF NEEDED;(PER MSDS.)

Fraction by Wt: 4-6%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE HEADACHE,DIZZINESS,NAUSEA,VOMITING;CHRONIC:IRRITATION,DRYING OF SKIN,DEFATTING OR DERMATITIS POSSIBLE.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:NONE SPECIFIED BY THE MFR.MAY IRRITATE

EYES,SKIN ON CONTACT;PROLONGED CONTACT MAY CAUSE DERMATITIS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITA IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:440F,227C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED

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

Spill Release Pr

cedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER;DO NOT ALLOW TO SEWER AND WATERWAYS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURES.THEY CONGEAL AT TEMPERATURES FROM -12 -32C.

Other Precautions:AVOID SKIN AND EYE CONTACT

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:ROOM VENTILATION OR LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION, WORK CLOTHING AND APRON AS REQUIRED.

ED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.HANDLE EMPTY CONTAINERS WITH CARE.

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

HCC:V6

Boiling Pt:B.P. Text:>600F/316C

Vapor Pres:1.0 MMHG

Vapor Density:1.0

Spec Gravity:1.0

Evaporation Ra

te & Reference: