

N/P -- IMP-HDE-40 MIL-L-2104E QUAL MC-3588 -- 9150-00-188-9862

Product ID:IMP-HDE-40 MIL-L-2104E QUAL MC-3588

MSDS Date:01/01/1987

FSC:9150

NIIN:00-188-9862

MSDS Number: BNNCQ

=== Responsible Party ===

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

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Position/Information on Ingredients =====

Ingred Name:LUBE OIL BASE STOCK.

CAS:64741-88-4

RTECS #:PY8040500

Fraction by Wt: 94-96%

Other REC Limits:ACGIH STEL 10 MG/M3

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:PROPRIETARY ADDITIVES - COMPOSITION OF ADDITIVES IS
PROPRIETARY TO LUBRIZOL CORP; SEE THEM FOR MORE INFORMATION.

Fraction by Wt: 4-6%

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Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSH

A:NO

Health Hazards Acute and Chronic:WHILE THIS PRODUCT MAY IRRITATE THE
SKIN FROM PROLONGED CONTACT, THERE IS NO MEDICAL OR TOXICOLOGICAL
EVIDENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. IT
HAS A LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION OF MIST MAY
CAUSE PULMONARY PROBLEMS WHICH IF LEFT UNATTENDED COULD CAUSE
PULMONARY INJURY.

Explanation of Carcinogenicity:NO AVAILABLE DATA.

Effects of Overexposure:FROM HUMAN EXPERIENCE AND THE AVAILABLE
TECHNICAL

DATA CONCERNING THIS PRODUCT AND DUE TO ITS LOW ORDER OF DERMAL, ORAL AND INGESTIVE TOXICITY THE SIGNS AND SYMPTOMS OF OVEREXPOSURE ARE UNKNOWN.

Medical Cond Aggravated by Exposure:DIRECT CONTACT WITH THE EYES MAY CAUSE EYE ITTITATION. PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRRITATION.

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

First Aid:IF SWALLOWED DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. IF SPLASHED IN EYES, PURGE WITH COPIOUS AMO UNTS OF WATER. IN CASE OF SKIN CONTACT, CLEANSE WITH SATERLESS HAND CLEANER OR BY THOROU GHLY WASHING WITH SOAP AND WATER.

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

Spill Release Procedures:DIKE & CONTAIN SPILL WITH 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 FALLS. PREVENT MATERIAL FROM GETTING INTO SEWERS & WATERS

Neutr
alizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

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

Other Precautions:USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, HEAT, SPARKS, PILOT LIGHTS AND STATIC ELECTRICITY.

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

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

Ventilation:MECHANICAL(GENERAL) AND LOCAL EXHAUST LISTED AS "NOT APPLICABLE". SPECIAL AND OTHER EXHAUST LEFT BLANK.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH GOGGLES.

Other Protective Equipment:EYEWASH FACILITY

Work Hygienic Practices:MINIMIZE BREATHING VAPOR,MIST OR FUMES.REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE RE-USE.DISCARD OIL-SOAKED SHOES.

Supplemental Safety and Health
'EMPTY'

CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. DO NOT ATTEMPT TO REUSE CONTAINERS. SEND DRUMS TO RECONDITIONER AND OTHER CONTAINERS TO PROPER DISPOSAL.

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

Hazardous Decomposition Products:ONLY WHEN BURNING - CARBON DIOXIDE,CARBON MONOXIDE, NITROGEN AND SULFUR COMPOUNDS.

Conditions to Avoid Polymerization:MFR SAID "NOT APPLICABLE" IN THIS FIELD

D.

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

Waste Disposal Methods:DISPOSE OF CONTAMINATED DIKING MATERIAL ACCORDING TO CURRENT FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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