

IMPERIAL OIL CO.,INC. -- OE-40 MIL-L-2104D MC-1115 MC-2879 -- 9150-00-189-6730

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

Product ID:OE-40 MIL-L-2104D MC-1115 MC-2879

MSDS Date:09/01/1986

FSC:9150

NIIN:00-189-6730

MSDS Number: BRPBW

=== 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 - RICHARD

ROBINSON

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

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

=====
Composition/Information on Ingredients
=====

Ingred Name:LUBE OIL BASE STOCK

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC AS ZINC ADDITIVE

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by W

t: 0.2-0.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PROPRIETARY ADDITIVES
Fraction by Wt: 0.6-0.7%
Other REC Limits:NONE RECOMMENDED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:WHILE THIS PRODUCT MAY IRRITATE THE SKIN FROM PROLONGED SKIN CONTACT THERE IS NO MEDICAL OR TOXICOLOGICAL EVIDENCE THAT THIS IS AN IRRITANT, A CORROSIVE OR CARCINOGEN. IT HAS A LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION OF PRODUCT MIST MAY CAUSE PULMONARY PROBLEMS.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:FROM HUMAN EXP. & THE AVAILABLE TECHNICAL DATA CONCERNING THIS PRODUCT & DUE TO ITS LOW ORDER OF DERMAL, ORAL & INGESTIVE TOXICITY, THE SIGNS & SYMPTOMS OF OVER EXPOSURE ARE UNKNOWN.
Medical Cond Aggravated by Exposure:DIRECT CONTACT WITH THE EYES MAY CAUSE EYE IRRITATION, PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

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

First Aid:IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN. CALL A PHYSICIAN IMMEDIATELY. IF SPLASHED INTO THE EYES, PURGE WITH COPIOUS AMOUNTS OF WATER. IN CASE OF SKIN CONTACT CLEANSE WITH WATERLESS SOAP FOLLOWED BY THOROUGH WASHING WITH SOAPS & WATER.

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

Flash Point:446F,230C
Extinguishing Media:CARBON DIOXIDE, WATER FPG, FOAM OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR MESA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCHEDULE 13) USE WATER TO COOL FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL (SAND, FULLER 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 & WATER.

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

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

Other Precautions: USE PRODUCT WITH 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 Equipment: EYE WASH FACILITY.

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

Supplemental Safety and Health

OIL SOAKED SHOES SHOULD BE DISCARDED.

=====

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

HCC: V6

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

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

Vapor Pres: 1MM

Vapor Density: 1

Spec Gravity: 1

Evaporation Rate & Reference: