

IMPERIAL OIL CO.,INC. -- OE 10 -- 9150-00-186-6668

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

Product ID:OE 10

MSDS Date:04/10/1989

FSC:9150

NIIN:00-186-6668

MSDS Number: BDHBG

=== 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

Emergency Phone Num:201-591-9400

Preparer's Name:WILLIAM J. MAHO

NEY

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:REFINED HEAVY PARAFFINIC DISTILLATES/LUBE OIL BASE STOCK

CAS:64741-88-4

Fraction by Wt: 94-96%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PROPRIET

ARY ADDITIVES

Fraction by Wt: 4-6%

Other REC Limits:NONE SPECIFIED

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

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

Health Hazards Acute and Chronic:ACUTE-EYES:DIRECT CONTACT MAY CAUSE IRRITATION.SKIN:LOW ORDER OF TOXICITY.INHALATION:MIST MAY CAUSE PULMONARY PROBLEMS.INGESTION:LOW ORDER OF TOXICITY.CHRONIC-SKIN:MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:NO EVIDENCE OF BEING CARCINOGEN.

Effects of

Overexposure:EYE:IRRITATION. SKIN:POSSIBLE MILD IRRITATION.

INHALED:RESPIRATORY IRRITATION,POSSIBLE PULMONARY EDEMA IF MIST IS INHALED. INGESTED:LOW ORDER OF TOXICITY.

Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN.SKIN:CLEANSE WITH WATERLESS SOAP FOLLOWED BY THOROUGH WASHING WITH SOAP & WATER.INHALED:REMOVE TO FRESH AIR.RESTORE BREATHING IF NECESSARY.

INGESTED:DO NOT INDUCE VOMITING.GET IMMEDIATE MEDICAL CARE.

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

Flash Point:440F,227C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE MESA/NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE

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

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Spill Release Procedures:RECOVER AS LIQUID IF POSSIBLE. ADSORB REMAINDER ON EARTH,SAND,FULLERS EARTH ETC. KEEP OUT OF DRAINS, SEWERS, AND WATERWAYS. STORE IN CLOSED CONTAINERS PENDING DISPOSAL OR RECOVERY. AREA MAY BE SLIPPERY. CARE SHOULD BE TAKEN TO AVOID FALLS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURE. THE

Y CONGEAL AT TEMPERATURE FROM
-12C TO -32C.

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:OIL RESISTANT-IMPERVIOUS

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:EYEWASH FACILITY

Work Hygienic Practices:MINIMIZE BREATHI
NG VAPOR/MIST.REMOVE

CONTAMINATED CLOTHING & LAUNDER BEFORE USE. OIL SOAKED SHOES SHOULD
BE DISCARDED.

Supplemental Safety and Health

EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT
PRESSURIZE,CUT,WELD,BRAZE,SOLDER DRILL,GRIND OR EXPOSE SUCH
CONTAINERS TO HEAT,FLAME,SPARKS OR SOURCES OF IGNITION.THEY MAY
EXPLODE AND CAUS E INJURY.

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Tex

t:0

Vapor Pres:1

Vapor Density:1

Spec Gravity:1

Evaporation Rate & Reference: