

IMPERIAL OIL CO.,INC. -- MIL-L-9000H 9250 IMP-9000GB -- 9150-00-181-8229

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Product Identification
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Product ID:MIL-L-9000H 9250 IMP-9000GB

MSDS Date:06/02/1992

FSC:9150

NIIN:00-181-8229

MSDS Number: BDGSJ

=== Responsible Party ===

Company Name:IMPERIAL OIL CO.,INC.

Address:ORCHARD PLACE

Box:279

City:MORGANVILLE

State:NJ

ZIP:07751

Country:US

Info Phone Num:908-591-9400

Emergency Phone Num:

908-591-9400

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

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Composition/Information on Ingredients
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES/LUBE OIL BASE STOCK

CAS:64741-88-4

Fraction by Wt: >98%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TL

V:5 MG/M3 (OIL MIST)

Ingred Name:ZINC DIALKYLDITHIOPHOSPHATE & ZINC DIARYLDITHIOPHOSPHATE
(MIXED)

CAS:68649-42-3

Fraction by Wt: .03-.04%

Other REC Limits:NONE SPECIFIED

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: .6-.7%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:CHLORINE AS CHLORO-ORGANO COMPLEX

Fraction by Wt: .04-.05%

Other REC Limits:NONE SPECIFIED

Ingred Name:CALCIUM AS PHENATE AND/OR SUL
FONATE

Fraction by Wt: 0.4-0.5%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

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

Health Hazards Acute and Chronic:SKIN: WHILE THIS PRODUCT MAY IRRITATE
THE SKIN FROM PROLONGED SKIN 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: MIST MAY CAUSE PULMONARY PROBLEMS. IF NOT TREATED, MAY
CAUSE PULMONARY INJURY.

Explanation of Carcinogenicity:BASED UPON AVAILABLE DATA & TECHNOLOGY,
THIS PRODUCT IS NOT CONSIDERED TO BE TOXIC OR CARCINOGENIC TO
HUMANS.

Effects of Overexposure:THE SIGNS AND 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.

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First Aid Measures
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First Aid: EYES: PURGE EYES WITH COPIOUS AMOUNTS OF WATER. SKIN: CLEANSE WITH WATERLESS SOAP FOLLOWED BY THOROUGH WASHING WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY

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Fire Fighting Measures
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Flash Point: 450F, 232C

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

Fire Fighting Procedures: WEAR MESA/NIOSH APPROVED SELF-CONTAINED

BREATHING APPARATUS. USE WATER SPRAY TO COOL EXPOSED TANKS, DRUMS AND PERSONNEL.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures: CONTAIN WITH INERT MATERIAL (FULLERS EARTH, SAND, OIL DRY, ETC.). PREVENT MATERIAL FROM GETTING INTO SEWERS AND OPEN BODIES OF WATER. AREA MAY BE SLIPPERY-PREVENT FALLS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions: THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURES. THEY CONGEAL AT -12 TO -32C. USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, SPARKS

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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

Ventilation: NONE

Specified by Manufacturer.

Protective Gloves: IMPERVIOUS

Eye Protection: SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: REMOVE CONTAMINATED CLOTHING AND LAUNDRY OR DRY CLEAN BEFORE RE-USE. OIL SOAKED SHOES SHOULD BE DISCARDED.

Supplemental Safety and Health

EMPTY CONTAINER WARNING: CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD,

BRASE,

SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME,
SPARK S OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE AND CAUSE
INJURY. DO NOT ATTEMPT TO CLEAN EMPTY DRUMS.

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Text:0

Vapor Pres:1

Vapor Density:1

Spec Gravity:1 (WATER=1)

Evaporation Rate & Reference: