

IMPERIAL OIL CO.,INC. -- IMP-9000GB; MIL-L-9000 H, 9250, QUAL.# ARA-9000-23 -- 9150-00-181-8229

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Product Identification
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Product ID:IMP-9000GB; MIL-L-9000 H, 9250, QUAL.# ARA-9000-23

MSDS Date:04/10/1995

FSC:9150

NIIN:00-181-8229

MSDS Number: CCJRF

=== 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

Preparer's Name:PAUL LEWICKI

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:NAUGHTON ENERGY CORP

Address:RT 940

Box:709

City:POCONO PINES

State:PA

ZIP:18350-0709

Country:US

Phone:570-646-0422

CAGE:1DL10

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Composition/Infor

mation on Ingredients =====

Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES

CAS:64741-88-4

Fraction by Wt: 85-89%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:EXXON ECA 7955

Fraction by Wt: 0-0.5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:CHEVRON OLOA 2805A ADDITIVE

Fraction by Wt: 11-15%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD
50 (ORAL RAT) WAS NOT STATED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA: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, CORROSIVE OR CARCINOGEN. IT HAS A
LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION OF PRODUCT MIST
MAY CAUSE PULMONARY PROBLEMS WHICH, IF NOT TREATED, MAY CAUSE
PULMONARY IN

JURY.

Explanation of Carcinogenicity:THERE IS NOT EVIDENCE THAT IT IS A
CARCINOGEN.

Effects of Overexposure:FROM HUMAN EXPERIENCE & THE AVAILABLE TECHNICAL
DATA CONCERNING THIS PRODUCT & DUE TO ITS LOW ORDER OF DERMAL, ORAL
& INGESTIVE TOXICITY, 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.

===== First Aid

Measures =====

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

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

Flash Point:450F,232C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:N/A.

Upper Limits:N/A.

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

Fire Fighting Procedures:WEAR MESA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL EXPOSED TANKS, DRUMS & PERSONNEL.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, FULLERS EARTH, ETC.). RECOVER OR DISPOSE OF DIKED LIQUID. PREVENT MATERIAL FROM GETTING INTO SEWER & OPEN BODIES OF WATER

R. AREA MAY BE SLIPPERY - PREVENT FALLS.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURES. THEY CONGEAL AT -12 TO -32C. USE PRODUCT W/CAUTION AROUND ALL IGNITION SOURCES.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONF

NED OR ENCLOSED SPACES IF NEEDED.

Protective Gloves:IMPERVIOUS.

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:EYEWASH FACILITY.

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! "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS

TO HEAT, FLAM

E, SPARKS OR OTHER SOURCES OF IGNITION.DO NOT ATTEMPT TO CLEAN,
SINCE THE RESIDUE IS DIFFICULT TO REMOVE.

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

HCC:V6

NRC/State Lic Num:NONE

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

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

Vapor Pres:1 MM

Vapor Density:1

Spec Gravity:1 (WATER=1)

Viscosity:NP

Evaporation Rate & Reference:1 (N-BUTYL ACETATE=1)

Solubility in Water:0

Appearance and Odor:DARK RED - ODORLESS.

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== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZERS.

Hazardous Decomposition Products:ONLY WHEN BURNING - CARBON MONOXIDE &
CARBON DIOXIDE, SULFUR & NITROGEN COMPONENTS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:INCINERATE IN APPROVED EQUIPMENT OR LANDFILL

CONTAMINATED DIKING MATERIAL ACCORDING TO CURRENT LOCAL, S
TATE &

FEDERAL REGULATIONS. THIS APPLIES TO UNRECOVERABLE LIQUID AS WELL.

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