

IMPERIAL OIL CO.,INC. -- MIL-L-17331H & AM.2 2190 QUAL.#L-17331-3

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MSDS Safety Information
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FSC: 9150
NIIN: 01-368-7075
MSDS Date: 03/15/1994
MSDS Num: BWCKY
Product ID: MIL-L-17331H & AM.2 2190 QUAL.#L-17331-3
MFN: 02
Responsible Party
Cage: 58563
Name: IMPERIAL OIL CO.,INC.
Address: ORCHARD PLACE
Box: 2
79
City: MORGANVILLE NJ 07751
Info Phone Number: 201-591-9400 - RICHARD ROBINSON
Emergency Phone Number: 908-591-9400/FAX -8825
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 58563
Name: IMPERIAL OIL CO INC
Address: FOOT OF ORCHARD PL
Box: 279
City: MORGANVILLE NJ 07751
Phone: 732-591-9400/FAX: 732-591-8825

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Item Description Information
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Item Manager: S9G
Item Name: LUBRICATING OIL,STEAM TURBINE
Specification Number: MIL-L-17331H,AM3
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: 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 & DE RMAL TOXICITY. INHALATION OF PRODUCT MIST MAY CAUSE PULMONARY PROBLEMS WHICH,

IF NOT TREATED, MAY CAUSE PULMONARY INJURY

Explanation Of Carcinogenicity: NO AVAILABLE DATA

Signs And Symptoms 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.

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d: 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.

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Handling and Disposal
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Spill Release Procedures: CONTAIN SPILLED MATERIAL WITH SAND, EARTH, CLAY OR OTHER SUITABLE DIKING MATERIAL. RECOVER FREE LIQUID BY PUMPING INTO DRUMS OR OTHER SUITABLE CONTAINERS. CLEAN AREA WITH RAGS OR OTHER ABSORBING MATERIAL.

Waste Disposal Methods: INCINERATE IN APPROVED EQUIPMENT OR LANDFILL CONTAMINATED DIKING MATERIAL ACCORDING TO CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. THIS APPLIES TO UNRECOVERABLE LIQUID AS WELL.

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

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 440F, 227C

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 AND PERSONNEL.

Unusual Fire/Explosion Hazard: NONE.
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Control Measures
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Respiratory Protection: USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED.

Protective Gloves: IMPERVIOUS, NEOPRENE, RUBBER OR PLASTIC.

Eye Protection: SPLASH GOGGLES

Other Protective Equipment: MINIMIZE BREATHING VAPORS, MIST OR FUMES.

Work Hygienic Practices: REMOVE CONTAMINATED CLOTHING AND LAUNDER 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, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. DO NOT ATTEMPT TO CLEAN, SINCE THE RESIDUE IS DIFFICULT TO REMOVE.

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Physical/Chemical Properties
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HCC: V6

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.P. Text: 600F,316C

M.P/F.P Text: 0

Decomp Text: UNKNOWN

Vapor Pres: 1 @20C

Vapor Density: 1 (AIR=1)

Spec Gravity: 1 (WATER=1)

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

Solubility in Water: 0

Appearance and Odor: AMBER-NO ODOR.

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: KEEP AWAY FROM EXTREME HEAT AND OPEN FLAME.

Materials

To Avoid: KEEP AWAY FROM STRONG ACIDS, ALKALIES AND OXIDIZERS.

Hazardous Decomposition Products: WHEN BURNING NITRIC ACID, CARBON MONOXIDE, CARBON DIOXIDE, DENSE CARBONACEOUS SMOKE.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 58563
Trans ID NO: 129901
Product ID: MIL-L-17331H & AM.2 2190 QUAL.#L-17331-3
MSDS Prepared Date: 03/15/1994
Review Date: 12/30/1994
MFN: 2
Net Unit Weight: 458.0 LBS
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM
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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULAT

ED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: MIL-L-17331H & AM.2 2190 QUAL.#L-17331-3

Cage: 58563

Company Name: IMPERIAL OIL CO INC

Street: FOOT

OF ORCHARD PL

PO Box: 279

City: MORGANVILLE NJ

Zipcode: 07751

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

Label Required IND: Y

Date Of Label Review: 12/30/1994

Status Code: C

Label Date: 12/30/1994

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: THESE LUBRICANTS BECOME VERY VISCOUS WHE

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