

IMPERIAL OIL CO.,INC. -- IMP-EP-TURBIN OIL, MIL-L-17331, 2190 TEP, QU

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MSDS Safety Information
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FSC: 9150
NIIN: 01-372-6915
MSDS Date: 06/20/1996
MSDS Num: CDJVW
Product ID: IMP-EP-TURBIN OIL, MIL-L-17331, 2190 TEP, QUAL #L-17331-3
MFN: 02
Responsible Party
Cage: 58563
Name: IMPERIAL OIL CO.,INC.
Address: ORCHARD
PLACE
Box: 279
City: MORGANVILLE NJ 07751
Info Phone Number: 201-591-9400 - RICHARD ROBINSON
Emergency Phone Number: 908-591-9400/FAX -8825
Preparer's Name: PAUL LEWICKI
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
Cage: 1DL10

Name: NAUGHTON ENERGY CORP
Address: RT 940
Box: 709
City: POCONO PINES PA 18350-0709
Phone: 570-646-0422

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Item Description Information
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Item Name: LUBRICATING OIL,STEAM TURBINE
Specification Number: MIL-L-17331
Type/Grade/Class: TYPE II
Unit of Issue: GL
UI Container Qty: X
Type of Container: UNKNOWN

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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: PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

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 IRRITAN

T, A CORROSIVE OR A CARCINOGEN. IT HAS A LOW ORDER OF ORAL & DE RMAL TOXICITY. INHALATION OF MIST MAY CAUSE PULMONARY PROBLEMS. IF NOT TREATED, MAY CAUSE PULMONARY INJURY.

Explanation Of Carcinogenicity: NO DATA AVAILABLE

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 SIGNS & SYMPTOMS OF OVER EXPOSURE ARE UNKNOWN.

Medical Cond Aggravated By

Exposure: DIRECT CONTACT W/THE EYES MAY CAUSE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

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

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Handling and Disposal
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Spill Release

Procedures: CONTAIN SPILL W/SAND, EARTH, CLAY, ETC. OR OTHER DIKING MATERIAL. RECOVER FREE LIQUIDBY PUMPING INTO DRUMS OR OTHER SUITABLE CONTAINERS. CLEAN AREA W/RAGS OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent: MFR GAVE NO INFORMATION OF MSDS.

Waste Disposal Methods: INCINERATE IN APPROVED EQUIPMENT OR LANDFILL CONTAMINATED DIKING MATERIAL I/A/W CURRENT LOCAL, STATE & FEDERAL REGULATIONS. THIS APPLIES TO UNRECOVERABLE LIQUID AS WELL.

Handling And Storage Precautions: THESE LUBRI

CANTS BECOME VERY VISCOUS WHEN
STORED AT LOW TEM. THEY CONGEAL AT TEMP -12 TP 32C.

Other Precautions: USE PRODUCT W/CAUTION AROUND OPEN FLAMES, HEAT, SPARKS,
PILOT LIGHTS & STATIC ELECTRICITY.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 440F,227C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

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

Fire Fighting Procedures: WEAR MESA/NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS. (SCHEDULE 13) USE WATER SPRAY TO COOL EXPOSED CONTAINERS.

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.

Ventilation: N/A.

Protective Gloves: IMPERVIOUS NEOPRENE, R
UBBER OR PLASTIC

Eye Protection: SPLASH GOGGLES

Other Protective Equipment: EYEWASH 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 SHOULDERS SHOULD BE DISCARDED. "EMPTY"
CONTAINERS RETAIN RESIDUE & CAN IGNITE EXPLOSIVELY. DO NOT CUT, DRILL, OR
WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

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Physical/Chemical Properties
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HCC: V6

NRC/State LIC No: NONE

B.P. Text: 600F,316C

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

Decomp Text: UNKNOWN

Vapor Pres: 1 MM HG

Vapor Density: 1

Spec Gravity: 1

Viscosity: UNKNOWN

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

Solubility in Water: 0

Appearance and Odor: DARK 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 & OPEN FLAME

Materials To Avoid: KEEP AWAY FROM STRONG ACIDS, ALKALIES, OXIDIZERS

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

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: N/A. WILL NOT OCCUR.

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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: 130229

Product ID: IMP-EP-TURBIN OIL, MIL-L-17331, 2190 TEP, QUAL #L-17331-3

MSDS Prepared Date: 06/20/1996

Review Date: 03/26/1997

MFN: 2

Tech Entry NOS Shipping Nm: NONE

Net Unit Weight: 8.3 LBS

Multiple KIT Number: 0

Review IND: Y

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nit Of Issue: GL

Container QTY: X

Type Of Container: UNKNOWN

Additional Data: NONE

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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 REGULATE

D 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 REGULATED 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: IMP-EP-TURBIN OIL, MIL-L-17331, 2190 TEP, 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: 03/26/1997

Status Code: C

MFG Label NO: NONE

Label Date: 03/26/1997

Year Procured: 1997

Origination Code

: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: 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 MIST MAY CAUSE PULMONARY PROBLEMS. IF NOT TREATED, MAY CAUSE PULMONARY

INJURY. THESE LUBRICANTS BECOME VERY VISCOUS
WHEN STORED AT LOW TEM. THEY CONGEAL AT TEMP -12 TP 32C .

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