

IMPERIAL OIL CO.,INC. -- IMP-EP-TURBINE OIL MIL-L-17331H & AM.2 2190

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MSDS Safety Information
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FSC: 9150
NIIN: 01-368-7075
MSDS Date: 07/30/1993
MSDS Num: BRSWT
Product ID: IMP-EP-TURBINE OIL MIL-L-17331H & AM.2 2190
MFN: 01
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: NAUG
HTON 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 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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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS NOT AVAILABLE

OSHA: NO

Effects of Exposure: 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.

Signs And Symptoms 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. PROLONGE

D SKIN CONTACT MAY CAUSE SKIN IRRITATION.

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

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 440F,227C

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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Control Measures
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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, NEOPRENE, RUBBER

Eye Protection: SPLASH GOGGLES

Other Protect

ive 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. THE ADDITIVE IS PROPRIETARY TO BOTH THE LUBRIZOL CORP. AND EXXON CO.

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Physical/Chemical Properties
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HCC: V6

B.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: NEGLIGIBLE

Appearance and Odor: AMBER-NO ODO

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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: NITRIC ACID, CARBON MONOXIDE, CARBON DIOXIDE, DENSE CARBONACEOUS SMOKE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polym

erization: NONE. 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: 129900

Product ID: IMP-EP-TURBINE OIL MIL-L-17331H & AM.2 2190

MSDS Prepared Date: 07/30/1993

Review D

ate: 10/18/1993

MFN: 1

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

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O 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 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-TURBINE OIL MIL-L-17331H & AM.2 2190

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

Label Required IND: Y

Date Of Label Review: 10/18/1993

Status Code: C

Label Date: 10/18/1993

Origination Code: F

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: 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 ORA L
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