

IMPERIAL OIL CO.,INC. -- LUBRICATING OIL-AIRCRAFT PISTON ENGINE (SEE S

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MSDS Safety Information
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FSC: 9150

NIIN: 00-235-9059

MSDS Date: 05/04/2000

MSDS Num: CKPPP

Product ID: LUBRICATING OIL-AIRCRAFT PISTON ENGINE (SEE SUPPL DATA)

MFN: 01

Responsible Party

Cage: 58563

Name: IMPERIAL OIL CO.,INC.

Address: ORCHARD P
LACE

Box: 279

City: MORGANVILLE NJ 07751

Info Phone Number: 732-591-9400/FAX -8825

Emergency Phone Number: 732-591-9400
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Item Description Information
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Item Manager: S9G

Item Name: LUBRICATING OIL,AIRCRAFT PISTON ENGINE

Specification Number: MIL-L-6082

Type/Grade/Class: SAE J1966;1100 GRADE

Unit of Issue: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 0

Type of Container: 1A

1, 18/18 GA
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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: NOT AVAILABLE

Effects of Exposure: EYE CONTACT: BASED UPON AVAILABLE DATA, THIS PRODUCT IS NO
MORE THAN MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT:

BASED UPON

AVAILABLE INFORMATION THIS PRODUCT IS NO MORE THAN MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED CONTACT CAN RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION OF THE UPPER RESPIRATORY TRACT. OCCUPATIONAL EXPOSURE LIMIT 5MG/M3 AS OIL MIST. INGESTION: BASED ON AVAILABLE INFORMATION THIS PRODUCT IS NO MORE THAN

SLIGHTLY TOXIC IF SWALLOWED.

Explanation Of Carcinogenicity: NOT PROVIDED

Signs And Symptoms Of Overexposure: EYE CONTACT: BASED UPON AVAILABLE DATA, THIS PRODUCT IS NO MORE THAN MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT: BASED UPON AVAILABLE INFORMATION THIS PRODUCT IS NO MORE THAN MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED CONTACT CAN RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH

TEMPERATURES ONLY) OR OIL MIST FROM

THIS PRODUCT MAY CAUSE MILD IRRITATION OF THE UPPER RESPIRATORY TRACT.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN AND RESPIRATORY DISORDERS MAY BE AGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. IF

IRRITATION OCCURS, GET MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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Handling and Disposal
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Spill Release Procedures: MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS

JUDGEMENT WHEN CLEANING UP LARGE SPILLS. LARGE SPILL: WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS/PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE/SMALL SPILL WITH AN ABSORBENT SUCH AS CLAY OR SAND. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH L

OCAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions: MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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Fire and
Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point: =285.C, 545.F

Lower Limits: N/AV

Upper Limits: N/AV

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER

COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE NIOSH -APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: NOT PROVIDED

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Control Measures
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Respiratory Protection: IN CONFINED SPACES WHERE THIS PRODUCT MIST IS PRESENT USE A NIOSH APPROVED ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR

OR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation: NOT PROVIDED

Protective Gloves: WEAR CHEMICAL RESISTANT NITRILE GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection: WEAR SAFETY GOGGLES TO AVOID EYE CONTACT.

Other Protective Equipment: WEAR CHEMICAL RESISTANT PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: CONTD FROM PRODUCT ID: ,SAE J-1966,SAE GRADE 50. NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY

SSARY IN HIGH

VISCOSITY, LOW VOLATILITY PRODUCTS, I.E. MOST OILS AND GREASES.

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Physical/Chemical Properties
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HCC: V6

NRC/State LIC No: NOT RELEVANT

Boiling Point: =382.2C, 720.F

Melt/Freeze Pt: <-17.6C, 0.F

M.P/F.P Text: POUR POINT

Vapor Pres: NOT AVAILABLE

Vapor Density: N/AV

Spec Gravity: 0.8927

Viscosity: 224 CS @ 40C

Evaporation Rate & Reference: NOT AVAILABLE

Solubility in

Water: NEGLIGIBLE

Appearance and Odor: PALE YELLOW OIL. SLIGHT HYDROCARBON ODOR.

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT AND OPEN FLAMES.

Materials To Avoid: OXIDIZING MATERIALS.

Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES EVOLVE WHEN MATERIAL UNDERGOES PYROLYSIS/COMBUSTION.

CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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Toxicological Information
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Toxicological Information: NOT PROVIDED

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Ecological Information
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Ecological: NOT PROVIDED

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MSDS Transport Information
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Transport Information: DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY D.O.T. REGULATIONS.

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Regulatory Information
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Sara Title III Information: NOT PROVIDED

Federal Regulatory Information: THIS PRODUCT IS NO

T HAZARDOUS UNDER OSHA HAZARD
COMMUNICATION STANDARD (29 CFR 1910.1200).
State Regulatory Information: NOT PROVIDED

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Other Information
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Other Information: 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 IGNITION SOURCES: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. DO NOT ATTEMPT TO CLEAN, SINCE THE RESIDUE IS DIFFICULT TO REMOVE. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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Transportation Information
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Responsible Party Code: 58563
Trans ID NO: 153802
Product ID: LUBRICATING OIL-AIRCRAFT PISTON ENGINE (SEE SUPPL DATA)
MSDS Prepared Date: 05/04/2000
Review Date: 06/27/2000
MFN: 1
Net Unit Weight: 409.0 LBS
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 0
Type Of Container: 1A1, 18/18 GA
Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.

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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 Sh

ipping 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: LUBRICATING OIL-AIRCRAFT PISTON ENGINE (SEE SUPPL DATA)

Cage: 58563

Company Name:

e: IMPERIAL OIL CO INC

Street: FOOT OF ORCHARD PL

PO Box: 279

City: MORGANVILLE NJ

Zipcode: 07751

Health Emergency Phone: 732-591-9400

Label Required IND: Y

Date Of Label Review: 06/27/2000

Status Code: A

MFG Label NO: NOT PROVIDED

Label Date: 05/04/2000

Year Procured: 2000

Origination

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard

And Precautions: TARGET ORGANS: SKIN, RESPIRATORY TRACT. ACUTE EFFECTS:

MILDLY IRRITATING TO SKIN. INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE RESPIRATORY TRACT. MINIMALLY IRRITATION TO THE EYES. CHRONIC EFFECTS: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, OIL ACNE OR FOLLICULITIS. NO PROTECTIVE EQUIPMENT NECESSARY FOR CLEAN UP.

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Discla

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