

IMPERIAL OIL CO.,INC. -- MIL-PRF-2105E,GEAR OIL 80W-90,MG-2110 (SEE SU

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MSDS Safety Information  
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FSC: 9150

NIIN: 00-001-9395

MSDS Date: 02/25/2000

MSDS Num: CLCGH

Product ID: MIL-PRF-2105E,GEAR OIL 80W-90,MG-2110 (SEE SUPPL DATA)

MFN: 03

Responsible Party

Cage: 58563

Name: IMPERIAL OIL CO.,INC.

Address: ORCHARD PL

ACE

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,GEAR

Specification Number: MIL-PRF-2105E

Type/Grade/Class: VIS GRADE 80W-90

Unit of Issue: CN

Quantitative Expression: 00000000005GL

UI Container Qty: 6

Type of Container: CAN  
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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 PROVIDED

Effects of Exposure: IF PROLONGED CONTACT WITH THIS MATERIAL IS REQUIRED IN  
CONFINED AREA AND/OR THE MATERIAL HAS BEEN HEATED, A GAS MASK OR OTHER  
SUITABLE BREATHING A

PPARATUS SHOULD BE WORN.

Explanation Of Carcinogenicity: NOT PROVIDED

Signs And Symptions Of Overexposure: IN CASE OF SKIN CONTACT, WASH WITH  
DETERGENT AND HOT WATER

Medical Cond Aggravated By Exposure: PRE-EXISTING PULMONARY AND RESPIRATORY  
CONDITIONS WILL BE AGGRAVATED BY INHALATION OF THE FUMES AND/OR MIST.

First Aid: IF SWALLOWED, DO NOT CAUSE VOMITING. IF PERSON IS CONSCIOUS, REMOVE  
TO FRESH AIR AND GET MEDICAL HELP. NEVER ATTEMPT TO ADMINISTER ANYTHING BY  
MOUTH TO AN UNCONSCIOUS PE  
RSON.

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Handling and Disposal  
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Spill Release Procedures: CONTAIN AND DIKE WITH INERT MATERIAL (FULLERS EARTH,  
SAND, OIL ABSORBENT, ETC), PREVENT MATERIAL FROM GETTING INTO SEWERS AND OPEN  
BODIES OF WATER. PUT SPILLED MATERIAL INTO DRUMS OR OTHER SUITABLE CO  
NTAINERS.

Neutralizing Agent: NOT PROVIDED

Waste Disposal Methods: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS  
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NCERNING HAZARDOUS WASTE DISPOSAL.

Handling And Storage Precautions: DO NOT HEAT ABOVE 140 DEG F. OPEN CONTAINERS  
SHOULD BE STORED IN A WELL VENTILATED AREA AND ALWAYS FROM OPEN FLAME

Other Precautions: CONTAMINATED CLOTHING SHOULD BE REMOVED AND LAUNDERED BEFORE  
RE-USE. SATURATED SHOES SHOULD BE DISCARDED.

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Fire and Explosion Hazard Information  
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Flash Point Method: COC

Flash Point:  
=93.3C, 200.F

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

Fire Fighting Procedures: WEAR MESA/NIOSH APPROVED SELF CONTAINED BREATHING  
APPARATUS AND EYE PROTECTION. (SCHEDULE 13) USE WATER SPRAY TO COOL FIRE  
EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

Unusual Fire/Explosion Hazard: FUMES, SMOKE, OXIDES OF SULFUR, OXIDES OF  
NITROGEN AND CARBON MONOXIDE.

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Control Measures  
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Respiratory Protection: IF LONG TERM EXPOSURE TO VAPORS IS ANTICIPATED, AN APPROVED AIR RESPIRATOR SHOULD BE USED, PARTICULARLY IN A CONFINED AREA AND/OR THE MATERIAL HAS BEEN HEATED.

Protective Gloves: IMPERVIOUS

Eye Protection: SPLASH GOGGLES

Work Hygienic Practices: NO SPECIAL HYGIENIC MEASURES ARE NECESSARY

Supplemental Safety and Health: CONTINUED FROM PRODUCT ID: LUBRICATING OIL, GEAR, MULTI-PURPOSE. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = U

NKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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Physical/Chemical Properties

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HCC: V6

NRC/State LIC No: NOT RELEVANT

Boiling Point: =315.6C, 600.F

M.P/F.P Text: NOT AVAILABLE

Decomp Text: NOT PROVIDED

Vapor Pres: 1 MM / 68 F

Vapor Density: 1 (AIR=1)

Spec Gravity: .8990 (H2O=1)

Viscosity: NOT PROVIDED

Evaporation Rate & Reference: 1 (B

UTYL ACTEATE=1)

Solubility in Water: 0

Appearance and Odor: AMBER COLOR - PROPANE ODOR

Percent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: NOT PROVIDED

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: DO NOT HEAT ABOVE 140 DEG F

Materials To Avoid: STRONG OXIDIZING AGENTS, ACIDS AND ALKALIES.

Hazardous Decomposition Products: HYDROGEN SULFIDE

Hazardous Poly

merization Indicator: NO

Conditions To Avoid Polymerization: OPEN FLAME, PARTICULARLY IN CONFINED OR NON-VENTILATED AREAS.

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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: NOT PROVIDED  
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Regulatory Information

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Sara Title III Information: NOT PROVIDED  
Federal Regulatory Information: NOT PROVIDED  
State Regulatory Information: NOT PROVIDED  
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Other Information

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Other Information: "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE AND CAUSE INJURY. DO NOT ATTEMPT TO CLEAN, SINCE THE RESIDUE IS DIFFICULT TO REMOVE. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED & PROMPTLY RETURNED TO A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER & IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.  
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Transportation Information

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Responsible Party Code: 58563  
Trans ID NO: 156824  
Product ID: MIL-PRF-2105E, GEAR OIL 80W-90, MG-2110 (SEE SUPPL DATA)  
MSDS Prepared Date: 02/25/2000  
Review Date: 04/24/2001  
MFN: 3  
Net Unit Weight: 37.4 LBS  
Multiple KIT Number:  
0  
Unit Of Issue: CN  
Container QTY: 6  
Type Of Container: CAN  
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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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SPORTATION

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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: MIL-PRF-2105E,GEAR OIL 80W-90,MG-2110 (SEE SUPPL DATA)

Cage: 58563

Company Name: 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: 04/24/2001

Status Code: A

MFG Label NO: NOT PROVIDED

Label Date: 02/25/2000

Year Procured: 2001

Origination

Eye Protection IND: YES

Skin Pro

tection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

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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