

IMPERIAL OIL CO.,INC. -- MIL-PRF-2105 E GEAR OIL 85 W-140 MG-2111

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MSDS Safety Information  
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FSC: 9150  
NIIN: 01-035-5396  
MSDS Date: 02/25/1998  
MSDS Num: CJTJN  
Product ID: MIL-PRF-2105 E GEAR OIL 85 W-140 MG-2111  
MFN: 03  
Responsible Party  
Cage: 58563  
Name: IMPERIAL OIL CO.,INC.  
Address: ORCHARD PLACE  
Box: 279  
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City: MORGANVILLE NJ 07751  
Info Phone Number: 732-591-9400  
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 85W-140  
Unit of Issue: DR  
Quantitative Expression: 00000000055GL  
UI Container Qty: 0  
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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Effects of Exposure: TARGET ORGANS: SKIN, RESPIRATORY TRACT. ACUTE- MILDLY IRRITATING TO SKIN. INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE RES

PIRATORY TRACT. MINIMALLY IRRITATING TO THE EYES. CHRONIC- PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, OIL ACNE OR FOLLICULITIS.

Explanation Of Carcinogenicity: NONE PROVIDED BY MFR.

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 ANYTHI

NG BY

MOUTH TO AN UNCONSCIOUS PERSON. IN CASE OF SKIN CONTACT, WASH WITH DETERGENT AND HOT WATER.

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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 C ONTAINERS.

Neutralizing Agent

: NONE PROVIDED BY MFR.

Waste Disposal Methods: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING 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 AWAY FROM OPEN FLAMES.

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

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Fire and Explosi  
on Hazard Information  
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Flash Point Method: COC

Flash Point: =200.C, 392.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 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.

Ventilation: ADEQUATE

Protective Gloves: IMPERVIOUS

Eye Protection: SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND AP

RON AS REQUIRED.

Work Hygienic Practices: NO SPECIAL HYGIENIC MEASURES ARE NECESSARY.

Supplemental Safety and Health: NONE PROVIDED BY MFR.

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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

Vapor Pres: 1 MM/68F (MM HG)

Vapor Density: &lt;1 (AIR=1)

Spec Gravity: 0.8990 (H2O=1)

Solubility in Water: 0 %

Appearance and Odor: AMBER COLOR - PR

OPANE ODOR  
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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: HEATING ABOVE 140F.

Materials To Avoid: STRONG OXIDIZING AGENTS, ACIDS & ALKALIS.

Hazardous Decomposition Products: HYDROGEN SULFIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR. AVOID OPEN FLAME,  
PARTICULARLY IN CONFINED OR NON-VENTILATED AREAS.  
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Toxicological Information  
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Other Information  
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Other Information: "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

- 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, AND FEDERAL REGULATIONS.  
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Transportation Information  
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Responsible Party Cage: 58563  
Trans ID NO: 150204  
Product ID: MIL-PRF-2105 E GEAR OIL 85 W-140 MG-2111  
MSDS Prepared Date: 02/25/1998  
Review Date: 11/21/1999  
MFN: 3  
Multiple KIT Number: 0  
Unit Of Issue: DR  
Container QTY: 0  
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 REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Info  
rmination  
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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-2105 E GEAR OIL 85 W-140 MG-2111  
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 Req

Classified IND: Y  
Date Of Label Review: 11/21/1999  
Status Code: A  
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: None  
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: SKIN, RESPIRATORY TRACT. ACUTE- 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 IRRITATING TO THE EYES. CHRONIC- PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, OIL ACNE OR FOLLICULITIS.

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