

IMPERIAL OIL INC -- IMP-MMC-80W90

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MSDS Safety Information
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FSC: 9150
NIIN: 00-001-9395
MSDS Date: 05/15/2000
MSDS Num: CLHSW
Product ID: IMP-MMC-80W90
MFN: 01
Responsible Party
Cage: 58563
Name: IMPERIAL OIL CO INC
Address: FOOT OF ORCHARD PL
Box: 279
City: MORGANVILLE NJ 0775
1
Info Phone Number: 732-591-9400/FAX: 732-591-8825
Emergency Phone Number: (732) 591-9400
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
Contract Number: SP0450-01-M-LM37

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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Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

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

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

Medical Cond Aggravated By Expos

ure: PRE-EXISTING PULMONARY AND RESPIRATORY

CONDITIONS WILL BE AGGRAVATED BY INHALATION OF THE FUMES AND/OR MIST.

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

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Handling and Disposal
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Spill Release Procedures: DIKE AND CONTAIN SPILL WITH INERT

MATERIAL (SAND,

FULLERS EARTH, OIL ABSORBENT, ETC.) PREVENT MATERIAL FROM GETTING INTO SEWERS AND OPEN BODIES OF WATER. PUT SPILLED MATERIAL INTO DRUMS OR OTHER SUITA BLE CONTAINERS.

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

Handling And Storage Precautions: DO NOT HEAT ABOVE 140F. OPEN CONTAINERS

SHOULD BE STORED IN A WELL VENTILATED AREA AND ALWAYS AWAY FROM OPEN FLAMES. CONTAMINATED CLOTHING SHOULD BE REMO

VED AND LAUNDERED BEFORE REUSE. SATURATED

SHOES SHOULD BE DISCARDED.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID &/OR VAPOR)

& 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 & CAUSE INJURY. DO NOT ATTEMPT TO CLEAN, DISPOSE INSTEAD.

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Fire and Explosion 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 FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

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

Control Measures

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: USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS OR FUMES, IF NECESSARY. PROVIDE VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF

Protective Gloves: USE CHEMICAL-RESISTANT GLOVES, IF NEEDED

Eye Protection: USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

Other Protective Equipment: EYEWASH FACILITY.

Work Hygienic Practices: NO SPECIAL HYGIENIC MEASURES ARE NECESSARY.

Physical/Chemical Properties

B.P. Text: IBP-600F

Vapor Pres: 1 MM/68F

Vapor Density: 1

Spec Gravity: .8990

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

Solubility

in Water: 0

Appearance and Odor: AMBER COLOR; PROPANE ODOR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: THIS PRODUCT IS STABLE AND WILL NOT REACT VIOLENTLY WITH WATER. DO NOT HEAT ABOVE 140F.

Materials To Avoid: AVOID STRONG OXIDIZING AGENTS, SUCH AS ACIDS AND ALKALIES, AND AVOID OPEN FLAMES PARTICULARLY IN CONFINED OR NON-VENTILATED AREAS.

Hazardous

Decomposition Products: HAZARDOUS DECOMPOSITION OR BYPRODUCTS CONTAIN HYDROGEN SULFIDE.

Conditions To Avoid Polymerization: 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: 158202

Product ID: IMP-MMC-80W90

MSDS Prepared Date: 05/15/2000

Review Date: 08/11/2001

MFN: 1

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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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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I 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-MMC-80W90

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: 08/11/2001

Status Code: A

Origination Code: F

Chronic Haz

ard 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: Slight

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: SKIN, RESPIRATORY. 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 IRRITATING TO THE EYES. CHRONIC EFFECTS

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PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, OIL ACNE OR FOLLICULITIS. NO PROTECTIVE EQUIPMENT NECESSARY FOR CLEAN UP.

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