

IMPERIAL OIL CO.,INC. -- MIL-PRF-2104G OE-10 # MC 3795

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MSDS Safety Information
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FSC: 9150
NIIN: 00-186-6668
MSDS Date: 09/23/1999
MSDS Num: CKFBM
Product ID: MIL-PRF-2104G OE-10 # MC 3795
MFN: 06
Responsible Party
Cage: 58563
Name: IMPERIAL OIL CO.,INC.
Address: ORCHARD PLACE
Box: 279
City: MORGAN
VILLE 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,ENGINE
Specification Number: MIL-L-2104
Type/Grade/Class: GRADE 10W
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 1
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
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE AND CHRONIC - WHILE THIS PRODUCT MAY IRRITATE THE SKIN FROM PROLONGED SKIN CONTACT, THERE IS NO MEDICAL OR TOXICOLOGICAL EV

IDENTENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. DIRECT CONTACT WITH EYES MAY CAUSE EYE IRRITATION. IT HAS A LOW ORDER OF ORAL AND DERMAL TOXICITY. INHALATION OF PRODUCT MIST MAY CAUSE PULMONARY PROBLEMS WHICH, AS WITH ANY ILLNESS, IF LEFT UNATTENDED, COULD CAUSE PULMONARY INJURY.

Explanation Of Carcinogenicity: BASED UPON AVAILABLE DATA AND TECHNOLOGY, THE LUBRICANT DESCRIBED HEREIN IS NOT CONSIDERED TO BE TOXIC OR CARCINOGENIC TO HUMANS.

Signs And Symptions Of Overexpos

ure: FROM HUMAN EXPOSURE & THE AVAILABLE TECHNICAL DATA CONCERNING THIS PRODUCT & DUE TO ITS LOW ORDER OF DERMAL, ORAL, & INGESTIVE TOXICITY, THE SIGNS & SYMPTOMS OF OVER-EXPOSURE ARE UNKNOWN.

Medical Cond Aggravated By Exposure: DIRECT CONTACT WITH THE EYES MAY CAUSE EYE IRRITATION, PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

First Aid: IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

IF SPLASHED INTO THE EYES, PURGE WITH COPIOUS AMOUNTS OF WATER.

ER. IN CASE OF

SKIN CONTACT CLEANSE WITH WATERLESS SOAP FOLLOWED BY THOROUGH WASHING WITH SOAP & WATER.

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Handling and Disposal

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Spill Release Procedures: DIKE & CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, FULLERS EARTH, ETC.). TRANSFER LIQUID TO DRUMS OR OTHER CONTAINERS FOR RECOVERY OR DISPOSAL. AREA MAY BE SLIPPERY. CARE SHOULD BE TAKEN TO AVOID FALLS. PREVENT M

ATERIAL FROM GETTING INTO SEWERS & OPEN BODIES OF WATER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF CONTAMINATED DIKING MATEIAL ACCORDING TO CURRENT LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions: THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURE. THEY CONGEAL AT TEMPERARURES FROM -12 TO -32C.

Other Precautions: USE PRODUCT WITH CAUTION AROUND OPEN FLAME, HEAT, SPARKS, PILOT LIGHTS AND STATIC ELECTRICITY.

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Fire and Explosion Hazard Information

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Flash Point Method: COC

Flash Point: =220.C, 428.F

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

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

Unusual Fire/Explosion Hazard: NONE

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Control Measures

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Respiratory Protection: USE SUPPLIED-AID RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED.

Ventilation: LOCAL EXHAUST/MECHANICAL (GENERAL): N/A.

Protective Gloves: IMPERVIOUS.

Eye Protection: SPLASH GOGGLES.

Other Protective Equipment: EYEWASH FACILITY.

Work Hygienic Practices: MINIMIZE BREATHING VAPOR, MIST OR FUMES. REMOVE CONTAMINATED CLOTHING & LAUNDRY OR DRY CLEAN BEFORE RE-USE. OIL SOAKED SHOES

SHOULD BE DISCARDED.

Supplemental Safety and Health: THE COMPOSITION OF THE ADDITIVE IS PROPRIETARY TO THE ETHYL PETROLEUM ADDITIVES CO. ANY FURTHER INFORMATION YOU MAY REQUIRE WILL HAVE TO BE OBTAINED FROM THEM.

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Physical/Chemical Properties

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HCC: V6

Boiling Point: =315.6C, 600.F

Melt/Freeze Pt: =0.C, 32.F

Decomp Text: NOT PROVIDED

Vapor Pres: 1MM

Vapor Density: <1

Spec Gra

vity: <1

PH: NOT RELEVANT

Viscosity: NOT PROVIDED

Solubility in Water: 0

Appearance and Odor: DARK AMBER, NO ODOR.

Corrosion Rate: NOT PROVIDED

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Reactivity Data

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Stability Indicator: YES

Materials To Avoid: CONTACT WITH STRONG OXIDIZERS.

Hazardous Decomposition Products: ONLY WHEN BURNING - CARBON MONOXIDE, CARBON DIOXIDE, SULPHUR & NITROGEN COMPOUNDS.

Hazardous Polymerization Indi

cator: NO

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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 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, FLAM E, 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 BUNG ED & PROMPTLY RETURNED TO A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDA NCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
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Transportation Information
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Responsible Party Cage: 58563
Trans ID NO: 152008
Product ID: MIL-PRF-2104G OE-10 # MC 3795
MSDS Prepared Date: 09/23/1999
Review Date: 04/09/2000
MFN: 6
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1
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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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-2104G OE-10

MC 3795

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: 04/09/2000

Status Code: C

MFG Label NO: NOT PROVIDED

Year Procured: 2000

Origination Code: F

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

Reactivit

y Hazard: None

Hazard And Precautions: TARGET ORGANS: NOT PROVIDED. FIRST AID: IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. IF SPLASHED INTO THE EYES, PURGE WITH PLENTY OF WATER. IN CASE OF SKIN CONTACT, CLEANSE WITH WATERLESS SOAP FOLLWED BY THOROUGHLY WASHING WITH SOAP AND WATER.---SPILL--DIKE AND CONTAIN SPILL WITH INERT ABORBENT MATERIAL SUCH AS SAND, EARTH, FULLER EARTH, ETC.. TRANSFER LIQUID TO DRUMS OR OTH ER CONTAINERS FOR RECOVERY OR DISPOSAL. AREA MA Y BE SLIPPERY. PREVENT MATERIAL FROM GETTING INTO SEWERS AND OPEN BODIES OF WATER. DISPOSE OF CONTAMINATED DIKING MATERIAL ACCORDING TO CURRENT LOCAL, ST ATE, AND FEDERAL LAWS AND REGULATIONS.

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