

IMPERIAL OIL CO.,INC. -- I-C-OE 30 MIL-L-2104F OE 30 QUAL.#MC-3705

=====
MSDS Safety Information
=====

FSC: 9150
NIIN: 00-189-6729
MSDS Date: 09/29/1993
MSDS Num: BRSRX
Product ID: I-C-OE 30 MIL-L-2104F OE 30 QUAL.#MC-3705
MFN: 05
Responsible Party
Cage: 58563
Name: IMPERIAL OIL CO.,INC.
Address: ORCHARD PLACE
Box: 279
City: MORGANVILLE NJ 07751
Info Phone Number: 908-591-9400
Emergency Phone Number: 908-591-9400
Preparer's Name: PAUL LEWICKI
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

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

=====
Item Description Information
=====

Item Manager: S9G
Item Name: LUBRICATING OIL,ENGINE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: CAN

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

LD50 LC50 Mixture: LD50 (ORAL RAT) IS NOT AVAILABLE

OSHA: NO

Effects of Exposure: SKIN: WHILE THIS PRODUCT MAY IRRITATE THE SKIN FROM PROLONGED SKIN CONTACT, THERE IS NO MEDICAL OR TOXICOLOGICAL EVIDENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. IT HAS A LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION: MIST MAY CAUSE PULMONARY PROBLEMS. IF NOT TREATED, MAY CAUSE PULMONARY INJURY.

Explanation Of Carcinogenicity: BASED UP

ON AVAILABLE DATA & TECHNOLOGY,

THIS PRODUCT IS NOT CONSIDERED TO BE TOXIC OR CARCINOGENIC TO HUMANS.

Signs And Symptoms Of Overexposure: THE SIGNS AND 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: EYES: PURGE EYES WITH COPIOUS AMOUNTS OF WATER. SKIN: CLEANSE WITH WATERLESS SOAP FOLLOWED BY THOROUGH WASHING WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY

Handling and Disposal

Spill Release Procedures: CONTAIN WITH INERT MATERIAL (FULLERS EARTH, SAND, OIL DRY, ETC.). PREVENT MATERIAL FROM GETTING INTO SEWERS AND OPEN BODIES OF WATER. AREA MAY BE SLIPPERY-PREVENT FALLS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF CONTAMINATED DIKING MATERIAL ACCORDING TO

CURRENT LOCAL, STATE AND FEDERAL REGULATIONS

Handling And Storage Precautions: THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURES. THEY CONGEAL AT -12 TO -32C. USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, SPARKS

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Text: 440F,227C

Extinguishing Me

dia: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR MESA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL EXPOSED CONTAINERS

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

Control Measures

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

Ventilat

ion: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: IMPERVIOUS

Eye Protection: SPLASH GOGGLES

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

Work Hygienic Practices: REMOVE CONTAMINATED CLOTHING AND LAUNDRY OR DRY CLEAN BEFORE RE-USE. OIL SOAKED SHOES SHOULD BE DISCARDED.

Supplemental Safety and Health: EMPTY CONTAINER WARNING: CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT,

WELD, BRASE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE. THE COMPOSITION OF THE ADDITIVE IS PROPRIETARY TO THE LUBRIZOL CORP.

=====
Physical/Chemical Properties
=====

HCC: V6

B.P. Text: 600F,316C

M.P/F.P Text: 0

Decomp Text: UNKNOWN

Vapor Pres: 1

Vapor Density: 1 (AIR=1)

Spec Gravity: 1 (WATER=1)

Evaporation Rat

e & Reference: 1 (N-BUTYL ACETATE=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: DARK AMBER-NO ODOR.

Corrosion Rate: UNKNOWN

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG OXIDIZERS

Hazardous Decomposition Products: ONLY WHEN BURNING-CARBON MONOXIDE AND CARBON DIOXIDE, SULFUR AND NITROGEN COMPONENTS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====

=====

Regulatory Information

=====

=====

Other Information

=====

=====

Transportation Information

=====

Responsible Party Cage: 58563

Trans ID NO: 55585

Product ID: I-C-OE

30 MIL-L-2104F OE 30 QUAL.#MC-3705

MSDS Prepared Date: 09/29/1993

Review Date: 10/18/1993

MFN: 5

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: DR

Container QTY: 1

Type Of Container: CAN

=====

Detail DOT Information

=====

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail IMO Information

===

=====

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====

Detail IATA Information

=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail AFI Information

=====

=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

HAZCOM Label

=====

Product ID: I-C-OE 30 MIL-L-2104F OE 30 QUAL.#MC-3705

Cage: 58563

Company Name: IMPERIAL OIL CO INC

Street: FOOT OF ORCHARD PL

PO Box: 279

City: MORGANVILLE NJ

Zipcode: 07751

Health Emergency Phone: 908-591-9400

Label Required IND: Y

Date Of Label Review: 10/18/1993

Status Code

: C

Label Date: 10/18/1993

Origination Code: F

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: SKIN: WHILE THIS PRODUCT MAY IRRITATE THE SKIN FROM PROLONGED SKIN CONTACT, THERE IS NO MEDICAL OR TOXICOLOGICAL EVIDENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. IT HAS A LOW ORDER OF ORAL & DERMAL TOXICITY. INHALATION: MIST MAY CAUSE PULMONARY PROBLEMS. IF NOT TREATED, MAY CAUSE PULMONARY INJURY. THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURES. THEY CONGEAL AT -12 TO -32C. USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, SPARKS.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner wh

atsoever expressly or implied

warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify a

and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.