

MOBIL OIL CORP, NORTH AMERICAN -- 600163-00 MOBIL DTE OIL HEAVY MEDIUM

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MSDS Safety Information
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FSC: 9150

NIIN: 00-027-3098

MSDS Date: 07/24/1998

MSDS Num: CJKNC

Product ID: 600163-00 MOBIL DTE OIL HEAVY MEDIUM

MFN: 04

Responsible Party

Cage: 3U728

Name: MOBIL OIL CORP, NORTH AMERICAN MARKETING AND REFINING

Address

Address: 3225 GALLOWS ROAD

City: FAIRFAX VA 22037

Info Phone Number: 800-662-4525; 609-224-4644

Emergency Phone Number: 609-737-4411
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Item Description Information
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Item Manager: S9G

Item Name: LUBRICATING OIL,GENERAL PURPOSE

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: QT

UI Container Qty: G

Type of Container: PPP-C-96
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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: LD50 >2,000 MG/KG (RATS) SIMILAR PRODUCT

Route Of Entry Inds - Inhalation: NO

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 C

FR 1910.1200

AND DETERMINED NOT TO BE HAZARDOUS.

Signs And Symptoms Of Overexposure: NO SIGNIFICANT EFFECTS EXPECTED.

First Aid: EYES: FLUSH THOROUGHLY W/ WATER. IF IRRITATION OCCURS, CALL A PHYSICIAN. SKIN: WASH CONTACT AREAS W/ SOAP & WATER. INHALATION: NOT EXPECTED TO BE A PROBLEM. INGESTION: NOT EXPECTED TO BE A PROBLEM . HOWEVER, IF GREATER THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATT'N.

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Handling and Disposal
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Spill Release Procedures: REPORT SPILLS AS REQUIRED. ABSORB ON FIRE RETARDENT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY. PREVENT SPILLS FROM ENTERING STORM SEWER S OR DRAINS & CONTACT W/ SOIL.

Waste Disposal Methods: SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE CONSERVATION & RECOVERY ACT. ALSO SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR DISPOSAL AT GOV'T SITE. COMPLY W/ APPLICABLE LAWS & REGULATIONS.

Handling And Storage Precautions: DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS. STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERIAL.

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Fire and Explosion Hazard Information
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Flash Point M

ethod: COC

Flash Point: =204.4C, 400.F

Lower Limits: NA

Upper Limits: NA

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

Fire Fighting Procedures: WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. FOR FIRES IN ENCLOSED AREA, FIRE FIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STR

EAMS, SEWERS, OR DRINKING WATER SUPPLY

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Control Measures
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Respiratory Protection: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Ventilation: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Protective Gloves: NOT REQUIRED

Eye Protection: NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE EMPLOYED.

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er Protective Equipment: NO SPECIAL EQUIPMENT REQUIRED.

Work Hygienic Practices: GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

Supplemental Safety and Health: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS WHICH HAVE RECOGNIZED EXPOSURE LIMITS. HOWEVER, A EXPOSURE LIMIT OF 5.00 MG/M3 IS SUGGESTED FOR OIL MIST.

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Physical/Chemical Properties
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HCC: V6
Boiling Point: >31
5.6C, 600.F
M.P/F.P Text: NE
Vapor Pres: <0.1 MMHG @ 20 C
Vapor Density: >2.0
Viscosity: 68.0@40 C / 8.4@100 C CST
Evaporation Rate & Reference: NE
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER LIQUID, MILD ODOR

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXTREME HEAT
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomposition Products: CARBON MONOXIDE. ELEMENTAL OXIDES.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR

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Toxicological Information
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Toxicological Information: SUBCHRONIC TOXICOLOGY (SUMMARY): FORMULATIONS HAVE BEEN TESTED BY DERMAL APP'N TO RATS 5 DAYS/WEEK FOR 90 DAYS AT DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMAL INDUSTRIAL EXPOSURE. NO ADVERSE EFFECTS WERE OBSERVED. REPRODUCTIVE TOXICOLOGY (SUMMARY): DERMAL EXPOSURE OF PREGNANT RATS TO REPRESENTATIVE FORMULATIONS DID NOT CAUSE ADVERSE EFFECTS IN EITHER THE MOTHERS OR THEIR OFFSPRING. CHRONIC TOXICOLOGY (SUMMARY):CHRONIC MOUSE SKIN PAINTING STUDIES OF SEVERELY TREATED OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS. SENSITIZATION (SUMMARY): HAVE NOT CAUSED SKIN SENSITIZATION IN GUI NEA PIGS.

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Ecological Informati

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Ecological: THIS PRODUCT IS EXPECTED TO BE INHERENTLY BIODEGRADABLE. THERE IS NO EVIDENCE TO SUGGEST BIOACCUMULATION WILL OCCUR. PRACTICALLY NON-TOXIC TO JUVENILE RAINBOW TROUT. ACCIDENTAL SPILLAGE MAY LEAD TO PE NETRATION IN THE SOIL & GROUNDWATER. HOWEVER, THERE IS NO EVIDENCE THAT THIS WOULD CAUSE ADVERSE ECOLOGICAL EFFECTS.
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MSDS Transport Information
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Transport Information: NOT REGULATED BY: USA DOT, RID/ADR, IMO, OR IATA.
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Regulatory Information
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Sara Title III Information: THIS PRODUCT CONTAINS NO 'EXTREMELY HAZARDOUS SUBSTANCES.' SECTION 311/312 REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA 313 TOXIC RELEASE PROGRAM.

Federal Regulatory

Information: THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE UNDER THE FOLLOWING CATEGORY: H2- LUBRICANTS WITH NO FOOD CONTACT.

State Regulatory Information: MINNESOTA- THE FOLLOWING INGREDIENTS ARE CITED: TRICRESYL PHOSPHATE (0.05%, 1330-78-5), ZINC (ELEMENTAL ANALYSIS, 0.01%, 7440-66-6), PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2:1)(ZDDP)(0.09%, 68649-42-3).

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Other Information
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Other Information: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.
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Transportation Information
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Responsible Party Cage: 3U728
Trans ID NO: 147283
Product ID: 600163-00 MOBIL DTE OIL HEAVY MEDIUM
MSDS Prepared Date: 07/24/1998
Review Date: 09/23/1999
MFN: 4
Net Unit Weight: 2.075 LB
Multiple KIT Number: 0
Unit Of Issue: QT
Container QTY: G
Type Of Container: P

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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: 600163-00 MOBIL DTE OIL HEAVY MEDIUM
Cage: 3U728
Company Name: MOBIL OIL CORP, NORTH AMERICAS MARKETING AND REFINING
Street: 3225 GALLOWS ROAD
City: FAIRFAX VA
Zipcode: 22037
Health Emergency Phone: 609-737-4411
Label Required IND: Y
Date Of Label Review: 08/15/1999
Status Code: A
Origination Code: F
Eye Protection IND: NO
Skin Protection IND: NO
Signal Word: CAUTION
Respiratory Protection IND: NO
Health Hazard: None
Contact Hazard: None
Fire Haz

ard: Slight

Reactivity Hazard: None

Hazard And Precautions: PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS.

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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 whatsoever 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 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.