

MOBIL OIL CORP -- 600189-00, MOBIL DTE OIL HEAVY -- 9150-00-027-3098

===== Product Identification =====

Product ID:600189-00, MOBIL DTE OIL HEAVY

MSDS Date:04/15/1998

FSC:9150

NIIN:00-027-3098

Status Code:A

MSDS Number: CKZCN

=== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLOWS RD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Info Phone Num:800-662-4525, 703-849-3451

Emerg

ency Phone Num:609-737-4411

Chemtrec Ind/Phone:(800)424-9300

CAGE:6G112

=== Contractor Identification ===

Company Name:MOBIL OIL CORP

Address:3225 GALLOWS RD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

Phone:800-662-4525, 856-224-4644

CAGE:6G112

===== Composition/Information on Ingredients =====

Ingred Name:THIS PRODUCT IS NOT FORMULATED TO CONTAIN INGREDIENTS WHICH  
HAVE EXPOSURE LIMITS ESTABLISHED BY U.S. AGENCIES.

= Wt:100.

Code:F

===== Hazards Iden

tification =====

LD50 LC50 Mixture:LD50: >2000MG/KG RATS

Health Hazards Acute and Chronic:US OSHA HAZARD COMMUNICATION STANDARD:  
PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200 AND  
DETERMINED NOT TO BE HAZARDOUS.

Effects of Overexposure:NO SIGNIFICANT EFFECTS EXPECTED.

===== First Aid Measures =====

First Aid:EYE: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL  
PHYSICIAN. SKIN: WASH CONTACT AREAS WITH SOAP AND  
D WATER.

INHALTION/INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF MORE  
THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:~210.C, 410.F

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

Fire Fighting Procedures:WATER/FOAM MAY CAUSE FROTHING. USE WATER TO  
KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH  
SPILLS AWAY FROM EXPOSURE.

PREVENT RUNOFF FROM FIRE

CONTROL/DILUTION FROM ENTERING STREAMS, SEWERS, DRINKING WATER  
SUPPLY. FOR FIRES IN ENCLOSED AREA, FIRE FIGHTERS MUST BE  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:ABSORB ON FIRE RETARDANT TREATED SAWDUST,  
DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE  
WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLI

CABLE LAWS

AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:HANDLING-NO SPECIAL PRECAUTIONS ARE  
NECESSARY BEYOND NORMAL GOOD HYGIENE PRACTICES. STORAGE-DO NOT  
STORE IN OPEN OR UNLABELED CONTAINERS. STORE AWAY FROM STRONG  
OXIDIZING AGENTS OR COMBUSTIBLE MATERIALS.

Other Precautions:NOTIFICATION PROCEDURES-REPORT SPILLS AS REQUIRED TO  
APPROPRIATE AUTHORITIES.

U.S. COAST GUARDS REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAYS INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILLS TO COAST GUARDS TOLL FREE NUMBER 800-424-8802.

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===== Exposure Controls/Personal Protection =====

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:NO SPECIAL EQUIPMENT REQUIRED.

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

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

Supplemental Safety and Health

PRODUCT NAME: MOBIL DTE OIL HEAVY. CHEMICAL NAMES & SYNONYMS: PET. HYDROCARBONS & ADDITIVES. EMERGENCY RESPONSE DATA: AMBER LIQUID. DOT ERG NO.-NA. NOTIFICATION PROCEDURES: IN CASE OF ACCIDENT OR ROAD SPILL NOTIFY CHEMTREC 800424-9300.

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

HCC:N1

Boiling Pt:=316.C, 600.8F

Vapor Pres:2.0

Viscosity:@100C=11.4

Evaporation Rate & Reference:N/E

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID; MILD ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE. ELEMENTAL OXIDES.

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Toxicological Information =====

Toxicological Information:ORAL TOXICITY (RATS): PRACTICALLY NON-TOXIC (LD50: GREATER THAN 2000 MG/KG).---BASED ON TESTING OF SIMILIAR PRODUCTS &/OR THE COMPONENTS. DERMAL TOXICITY (RABBITS): PRACTICALLY NON-TOXIC (LD50: GREATE R THAN 2000 MG/KG). INHALATION TOXICITY (RATS): NOT APPLICABLE. EYE IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING. (DRAIZE SCORE: 0 OR GREATER BUT 6 OR LESS). SKIN IRRITATION (RABBIT): PRACTICALLY NON-IRRITATING. (PRIMARY IRRITATION INDEX: 0.5 OR LESS).

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

Ecological:ENVIRONMENTAL FATE AND EFFECTS: THIS PRODUCT IS EXPECTED TO BE INHERENTLY BIODEGRADABLE. THERE IS NO EVIDENCE TO SUGGEST BIOACCUMULATION WILL OCCUR. ACUTE LC/EC50 FISH: JUVENILE RAINBOW TROUT: PRACTIC ALLY NON-TOXIC---BASED ON TESTING OF SIMILAR PRODUCTS. ACCIDENTAL SPILLAGE MAY LEAD TO PENETRATION IN THE SOIL & GROUNDWATER. HOWEVER , THERE IS NO EVIDENCE THAT THIS WOULD CAUSE ADVERSE ECOLOGICAL EFF ECTS.

===== Disposal Considerations =====

Waste Disposal Methods:PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT AN APPROPRIATE GOVERNMENT WASTE DISPOSAL FACILITY. BURNING MAY BE LIMITED PURSUAN T TO RC RA.

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

Transport Information:USA DOT: NOT REGULATED BY USA DOT. RID/ADR: NOT REGULATED BY RID/ADR. IMO: NOT REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

===== Regulatory Information =====

SARA Title III Information:SARA TITLE III: THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDEOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO CHEMICALS R

EPORTABLE

UNDER SARA (313) TOXIC RELEASE PROGRAMS.

Federal Regulatory Information: GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS COMPLY WITH TSCA & DSL. EU LABELING: EU LABELING NOT REQUIRED. THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE UNDER THE FOLLOWING CATEGORY: H2-LUBRICANTS WITH NO FOOD CONTACT.

State Regulatory Information: TRICRESYL PHOSPHATE (0.07%), CAS #1330-78-5; ZINC (ELEMENTAL ANALYSIS) (0.01%), CAS #7440-66-6; PHOSPHORODITHOIC ACID, O, O-DI C1-14-ALKYL, ZINC SALTS (2:1) (ZDDP) (0.10%), CAS #68649-42-3; MI 293 ( MICHIGAN 293).

===== Other Information =====

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