

MOBIL OIL CORP -- MOBIL DTE 15M -- 9150-01-226-4069

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

Product ID:MOBIL DTE 15M

MSDS Date:09/23/2000

FSC:9150

NIIN:01-226-4069

MSDS Number: CKLWS

=== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLONS ROAD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Info Phone Num:800-662-4525/800-227-0707 X3265

Emergency Phone Num:609-737-4411

Preparer's Nam

e:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:3U728

=== Contractor Identification ===

Company Name:BENCYN WEST, INC (DBA-BWI SOLUTIONS)

Address:4700 ROSEVILLE RD, SUITE 104

Box:City:NORTH HIGHLAND

State:CA

ZIP:95660

Country:US

Phone:916-331-7028

Contract Num:SP0450-01-M-LH53

CAGE:1K1V5

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-01-M-LE23

CAGE:1MDA6

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

Contract Num:SP0450-00-M-C232

CAGE:0WA27

Company Name:MOBIL OIL CORP, NORTH AMERICAS MARKETING AND REFINING

Address:3225 GALLOWS ROAD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

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

CAGE:3U728

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

Ingred Name:PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29
CFR 1910.1200

AND DETERMINED TO NOT TO BE HAZARDOUS.

Other REC Limits:NOT PROVIDED

OSHA PEL:NONE

ACGIH TLV:NONE

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) > 2,000 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: NO

SIGNIFICANT EFFECTS EXPECTED. ACUTE TOXICOLOGY- ORAL TOXICITY
(RATS): PRACTICALLY NON-TO

XIC. DERMAL TOXICITY (RABBITS):

PRACTICALLY NON-TOXIC. INHALATION TOXICITY (RATS): NOT APPLICABLE.

HARMFUL CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE
ENCOUNTERED THROUGH ANY CUSTOMERY / REASONABLY FORESEEABLE

HANDLING, USE/ MISUSE OF THIS PRODUCT. EYE IRRITATION (RABBITS):

PRACTICALLY NON-IRRITATING. SKIN IRRITATION (RABBITS): PRACTICALLY

NON-IRRITATING. CHRONIC TOXICITY: THE BASE OILS IN THIS PRODUCT ARE
SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROT

REATED AND SHO WED

NO EVIDENCE OF CARCINOGENIC EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NOT PROVIDED

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL A PHYSICIAN. SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER. HIGH PRESSURE ACCIDENTAL INJECTION THROUGH THE SKIN REQUIRES IMM EDIATE MEDICAL ATTENTION FOR POSSIBLE INCISION, IRRIGATION AND/OR DEBRIDEMENT. INHALATION: NOT EXPECTED TO BE A PROBLEM. INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF MORE THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:>166.1C, 331.F

Autoignition Temp:Autoignition Temp Text:N/E

Lower Limits:NA

Upper Limits:NA

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

ER TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WATER/FOAM MAY CAUSE FROTHING. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS OR DRINKING WATER SUPPLY. FOR FIRE S IN ENCLOSED AREAS, FIRE FIGHTERS MUST USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NOTE: PRESSURIZED MISTS MAY FORM A FLAMMABLE MIXTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REPORT SPILLS THAT COULD REACH WATERWAYS INCLUDING INTERMITTENT DRY CREEKS AS REQUIRED TO COAST GUARD AT 800-424-8802. IN CASE OF ROAD SPIIL, CALL CHEMTREC (800-424-9300). A DSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY. PREVENT SPILLS FROM ENTERING STORM SEWERS, DRAIN, CONTACT WITH SOIL.

Neutralizing Agent:NOT PROVIDE

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

Handling and Storage Precautions:HIGH PRESSURE INJECTION UNDER THE SKIN
MAY OCCUR DUE TO THE RUPTURE OF PRESSURIZED LINES. ALWAYS SEEK
MEDICAL ATTENTION. DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS.
STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERIAL.
Other Precautions:NOT PROVIDED

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UN
DER ORDINARY
CONDITIONS OF USE & WITH ADEQUATE VENTILATION.
Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE &
WITH ADEQUATE VENTILATION.
Protective Gloves:NO SPECIAL EQUIPMENT REQUIRED.
Eye Protection:NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE
EMPLOYED.
Other Protective Equipment:NOT PROVIDED
Work Hygienic Practices:FOLLOW GOOD PERSONAL HYGIENE PRACTICE.
Supplemental Safety and Health
NONE

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===== Physical/Chemical Properties =====
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HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:>316.C, 600.8F
Melt/Freeze Pt:M.P/F.P Text:NE
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NE
Vapor Density:>2
Spec Gravity:0.875
pH:NA
Viscosity:>42.8 CST @ 40C/104F
Evaporation Rate & Reference:NE
Solubility in Water:NEGLIGIBLE
Appearance and Odor:AMBER LIQUID, MILD ODOR.
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stab

ility Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:CARBON MONOXIDE. METAL OXIDES.
ELEMENTAL OXIDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ORAL TOXICITY (RATS): PRACTICALLY NON-TOXIC
(LD50: GREATER THAN 2000 MG/KG)- BASED ON TESTING OF SIMILAR
PRODUCTS AND/OR THE COMPONENTS. DERMAL TOXICITY (RABBITS):
PRACTICALLY NON-TOXIC (LD50: GREATER THAN 2000 MG/KG

)- BASED ON

TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. INHALATION
TOXICITY (RATS): NOT APPLICABLE -- HARMFUL CONCENTRATIONS OF MISTS
AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY
OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OF THIS
PRODUCT. EYE IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING.
(DRAIZE SCORE: GREATER THAN 6 BUT 15 OR LESS). -- BASED ON TESTING
OF SIMILAR PRODUCTS.

===== Ecological Information =
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Ecological:ENVIRONMENTAL FATE AND EFFECTS: THIS PRODUCT IS EXPECTED TO
BE INHERENTLY BIODEGRADABLE. THERE IS NO EVIDENCE TO SUGGEST
BIOACCUMULATION WILL OCCUR. IT IS NOT EXPECTED TO BE TOXIC TO
AQUATIC ORGANISMS . ACCIDENTAL SPILLAGE MAY LEAD TO PENETRATION IN
THE SOIL AND GROUNDWATER. HOWEVER, THERE IS NO EVIDENCE THAT THIS
WOULD CAUSE ADVERSE ECOLOGICAL EFFECTS.

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

Waste Disposal Method

s:PRODUCT IS 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 AND RECOVERY ACT. IN ADDITION, PRODUCT IS SUITABLE
FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DIS
POSED OF ACCORDING TO REGULATIONS.

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

Transport Information:USA DOT: NOT REGULATED BY USA DOT. IMO: NOT

REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

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===== Regulatory Information =====
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SARA Title III Information:U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III: THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA (313) TOXIC RELEASE PROGRAM.

Federal Regulatory Information:ALL COMPONENTS COMPLY WITH TSCA. RCRA

INFORMATION: THE UNUSED PRODUCT, IN MFR OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D), NOR IS IT FORMULATED TO CONTAIN MATERIALS WHICH ARE LISTED HAZARDOUS WASTES. IT DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY AND IS NOT FORMULATED WITH CONTAMINANTS AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

State Regulatory Inform

ation:THE FOLLOWING PRODUCT INGREDIENTS ARE

CITED ON THE LISTS BELOW: ZINC (ELEMENTAL ANALYSIS) (0.10%)
7440-66-6 (MI 293); PHOSPHORODITHOIC ACID, O,O-DIC1-14-ALKYL
ESTERS, ZINC SALTS (2:1) (ZDDP) (0.67%) 6 8649-42-3 (MI 293).

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