

MOBIL OIL CORP -- MOBIL DTE 13M -- 9150-01-036-9042

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

Product ID:MOBIL DTE 13M

MSDS Date:09/23/2000

FSC:9150

NIIN:01-036-9042

Status Code:A

MSDS Number: CKZBN

=== 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

Emergency Phone Num:(609) 737-4411

Resp

. Party Other MSDS Num.:602698-00

Chemtrec Ind/Phone:(800)424-9300

CAGE:6G112

=== Contractor Identification ===

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:SP0414-01-M-1674

CAGE:1MDA6

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/Informatio

n on Ingredients =====

Ingred Name:PETROLEUM HYDROCARBONS AND ADDITIVES

Other REC Limits:5 MG/M3 (OIL MIST)

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

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

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

Health Hazards Acute and Chronic:NO SIGNIFICANT EFFECTS EXPECTED.

Explanation of

Carcinogenicity:CHRONIC MOUSE SKIN PAINTING STUDIES OF SEVERELY TREATED OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS. THESE RESULTS ARE CONFORMED ON A CONTINUED BASIS USING VARIOUS SCREENING METHODS SUCH AS THE MOBILE AMES TEST AND IP-346.

Effects of Overexposure:NO SIGNIFICANT EFFECTS EXPECTED.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER.

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

First Aid:EYE: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL

A PHYSICIAN. SKIN: WASH CONTACT AREAS WITH SOAP AND WATER. HIGH PRESSURE ACCIDENTAL INJECTION THROUGH THE SKIN REQUIRES IMMEDIATE 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 GREATER THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATTENTION.

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

Flash Point Method:

COC

Flash Point:>166.C, 330.8F

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. 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 FIRES IN ENCLOSED AREAS, FIRE FIGHTERS MUST USE SCBA.

Unusual Fire/Explosion Hazard:PRESSURIZED MISTS MAY FOR

M A FLAMMABLE
MIXTURE.

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

Spill Release Procedures: ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY I/A/W CURRENT APPLICABLE LAWS & REGULATIONS & PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL. PREVENT SPILLS FROM ENTERING STORM SEWERS OR DRAINS & CONTACT WITH SOIL. REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER.

===== 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: USE OF THE WASTE DISPOSAL METHODS MENTIONED ABOVE IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

===== 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 PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

Supplemental Safety and Health

PRODUCT CODE: 602698-00. EXPOSURE LIMITS: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS WHICH HAVE RECOGNIZED EXPOSURE LIMITS: HOWEVER, AN EXPOSURE LIMIT OF 5.00 MG/M3 IS SUGGESTED FOR OIL MIST.

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

HCC: V6

Boiling Pt: >316.C, 600.8F

Vapor Pres: 2.0

Viscosity: @40C, CST: >29.8

Solubilit

y in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID; MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability 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: >2000 MG/KG). DERMAL TOXICITY (RABBITS): PRACTICALLY NON-TOXIC (LD50: > 2000 MG/KG). INHALATION TOXICITY (RATS): NOT APPLICABLE-HARMFUL CONCENTRATIONS OF MISTS AN/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLE FORESEEABLE HANDLING, USE OR MISUSE OF THIS PRODUCT. EYE IRRITATION (RABBIT): PRACTICALLY NON-IRRITATING (DRA IZE SCORE: >6 BUT 15 OR LESS). SKIN IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING (PRIMARY IRRITATION INDEX: >0.5 BUT LESS THAN 3).

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

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 EFFECTS.

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

Waste Disposal Methods: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 RCRA. IN ADDITION, THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT AN APPROPRIATE GOVERNMENT WASTE DISPOSAL FACILITY.

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

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

==== Regulatory Information =====

SARA Title III Information:US SUPERFUND AMENDMENTS AND REAUTHORIXATION ACT (SARA) TITLE III: THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES". SARA 311/312 REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO C HEMICALS 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:THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LIST NOTED: ZINC (ELEMENTAL ANALYSIS), 0.10%, CAS# 7440-66-6, MI 293; PHOSPHORODITHIOTIC ACID, O,O-DI C1-C14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP), 0 .67%, CAS# 68649-42-3, MI 293.

==== Other Informat ion =====

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