

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/Information

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 C
arcinogenicity:CHRONIC MOUSE SKIN PAINTING STUDIES OF
SEVERELY TREATED OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS.
TESE RESULTS ARE CONFORMED ON A CONTINUED BASIS USING VARIOUS
SCREENING METHODS SUCH AS THE MOB IL 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 IR
RITATION OCCURS, CALL
A PHYSICIAN. SKIN: WASH CONTACT AREAS WITH SOAP AND WATER. HIGH
PRESSURE ACCIDENTAL INJECTION THROUGH THE SKIN REQUIRES IMMEDIATE
MEDICAL A TTENTION 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 ,SE EK MEDICAL ATTENTION.

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

Flash Point Method:C
OC
Flash Point:>166.C, 330.8F
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.
Fire Fighting Procedures:WATER OF 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 FORM

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.

Neutral
izing 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
Solubility

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): PRACTI
CALLY NON-TOXIC
(LD50: >2000 MG/KG). DERMAL TOXICITY (RABBITS): PRACTICALLY
NON-TOXIC (LD50: > 2000 MG/KG). INHALATION TOXICITY (RATS): NOT
APPLICABLE-HARMFUL CONCENTRATION S 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.

===== 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 S UITABLE FOR PROCESSING BY AN APPROVED
RECYCLING FACILITY OR CAN BE DISPOSED OF AT AN APPROPRIATE GOV
ERNMENT WASTE DISPOSAL FACILITY.

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

===

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 Information =====

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.