

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)424-930

0

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 HYDROCARBO

NS 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 SEVERE

LY 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 IRRITATION 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:COC

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 Releas

e 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

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): PRACTICALLY NON-TOXIC

(LD50: >2000 MG/KG). DERMAL TOXICITY (RABBIT
S): PRACTICALLY

NON-TOXIC (LD50: > 2000 MG/KG). INHALATION TOXICITY (RATS): NOT
APPLICABLE-HARMFUL CONCENTRATIONS OF MISTS AND/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 (DRAIZE 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 SUITABLE 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 REAUTHORISATION
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: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.