

MOBIL OIL CORP -- MOTOR OIL 10 W-40 -- 9150-00-116-0506

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

Product ID:MOTOR OIL 10 W-40

MSDS Date:12/11/1997

FSC:9150

NIIN:00-116-0506

MSDS Number: CHQGM

=== 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/CHEMT

REC 800-424-9300

CAGE:3U728

=== Contractor Identification ===

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

Address:3225 GALLOWES ROAD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

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

CAGE:3U728

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

Ingred Name:PHOSPHORODITHOIC ACID, O-O-DI C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP)/ZINC DIALKYL DITHIOPHOSPHATE

CAS:68649-42-3

Fraction by Wt: 1.09%

Other REC Limits:NONE RECOMM

ENDED

Ingred Name:NON-HAZARDOUS INGREDIENTS

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

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

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

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:NONE. ACUTE- PRACTICALLY
NON-IRRITATING TO EYES AND SKIN. PRACTICALLY NON-TOXIC BY
INHALATION. PRACTICALLY NON-

TOXIC BY INGESTION. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:USED MOTOR OILS HAVE BEEN SHOWN TO CAUSE SKIN CANCER IN MICE FOLLOWING REPEATED APPLICATION AND CONTINUOUS EXPOSURE.

Effects of Overexposure:NONE

Medical Cond Aggravated by Exposure:NONE

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:NOT EXPECTED TO BE A PROBLEM. EYES:FLUSH WITH PLENTY OF WATER, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF MORE THAN 1/2 LITER (PINT) INGESTED, CALL PHYSICIAN.

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

Flash Point Method:COC

Flash Point:392F,200C

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

DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. CONTROL FIRE

EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB SPILL ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO COAST GUARD, 800-424-8802.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM HIGH HEAT & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRER BEFORE RE-USE.

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

Respi

ratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED ORGANIC VAPOR AND MI ST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:NITRILE/NEOPRENE FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES, FACE SHIELD RECOMMENDED

Other Prote

ctive Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>600F,>316C

Vapor Pres:2

Spec Gravity:0.877

Viscosity:94 CST @ 104F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER LIQU

ID - MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:MAY PRODUCE SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, METAL OXIDES, ELEMENTAL OXIDES.

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

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RCRA EMERGENCY

NUMBER: 800-424-9346. DO

NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION OR BURNING FOR FUEL VALUE IS RECOMMENDED.

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