

MOBIL OIL CORP -- DIESEL FUELS -- 9140-00-286-5295

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

Product ID:DIESEL FUELS

MSDS Date:01/12/1989

FSC:9140

NIIN:00-286-5295

MSDS Number: BQMCD

=== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLOWS ROAD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Info Phone Num:800-227-0707 X3265

Emergency Phone Num:609-737-4411 800-424-9300(CHEMTREC)

Prepa

rer's Name:ENV. HEALTH&SAFETY DEPT.

CAGE:3U728

=== Contractor Identification ===

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

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

Ingred Name:PETROLEUM OIL (NO. 2 DIESEL)

CAS:68334-30-5

Fraction by Wt: MAJOR

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYCYCLIC AROMATIC HYDROCARBONS

Fracti

on by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:LD50 ORAL RAT=9G/KG[RTECS];TWA=100PPM  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN:SLIGHT IRRITANT.DERMALLY  
NON-TOXIC.INHAL:IRRITANT.INGEST:SLIGHTLY TOXIC.ASPIRATION  
HAZARD.SLIGHTLY TOXIC.EYES:EXPECTED TO BE  
NON-IRRITATING.CHRONIC:TRACE POLYCYCLIC  
AROMATIC HYDROCARBONS ARE  
SUSP ECTED CARCINOGENS.  
Explanation of Carcinogenicity:RTECS 92-4 HAS MONOGRAPHS SHOW DIESEL  
FUEL AS A TUMORIGEN.MANUFACTURER LINKS DIESEL FUEL TO LUNG CANCER.  
Effects of Overexposure:INHAL:DIZZINESS,NAUSEA,UNCONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:MATERIEL MAY CONTAIN TRACES OF  
POLYCYCLIC AROMATIC HYDROCARBONS[PCAH].WITH POOR HYGIENE AND  
PROLONGED EXPOSURE,SKIN CANCER MAY DEVELOP.

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE  
OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION: DO NOT INDUCE  
VOMITING.ADMINISTER VEGETABLE OIL.GET PROMPT QUALIFIED MEDICAL  
HELP.CAUTION:LUNG DAMAGE CAN RESULT FROM VOMITING.

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===== Fire Fighting Measures =====  
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Flash Point Method:PMCC  
Flash  
Point:100F,38C  
Autoignition Temp:Autoignition Temp Text:494F  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. HMIS  
SUGGESTS DO NOT USE WATER STREAM. IT MAY CAUSE FROTHING.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:COMBUSTIBLE MATERIEL.VAPORS HEAVIER THAN  
AIR. MAY TRAVEL ALONG GROUND AND FLASHBACK. CONTAINERS EXPOSE

D TO  
FIRE MAY IGNITE EXPLOSIVELY.

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

Spill Release Procedures: ADSORB ON FIRE RESISTANT TREATED SAWDUST OR  
DIATOMACEOUS EARTH. SHOVEL INTO A CONTAINER FOR DISPOSAL. NOTIFY  
CHEMTREC AT 800-424-9300 IF SPILLS IN WATERWAY.

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

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED  
PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE  
MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions: AVOID BREATHING VAPORS, AND EYE AND SKIN CONTACT. USE

ONLY WITH ADEQUATE VENTILATION. DO NOT SIPHON BY MOUTH. BOND AND  
GROUND CONTAINERS DURING TRANSFER.

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

Respiratory Protection: NONE NORMALLY REQUIRED WITH ADEQUATE  
VENTILATION. NIOSH/MSHA RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE  
APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:

SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST  
VENTILATION IN CONFINED SPACES. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves: NEOPRENE.

Eye Protection: GOGGLES.

Other Protective Equipment: FULL BODY LONG-SLEEVED GARMENTS TO PREVENT  
REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY  
SHOWER.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN. DO NOT  
BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER  
CONTAMINATED CLOTHING.

Supplemental Safety and

Health

THESE PRECAUTIONS ARE FOR NORMAL USES AND CONDITIONS. WHERE SPECIAL OR  
UNUSUAL CONDITIONS EXIST, CONSULT AN INDUSTRIAL HYGIENIST.

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

HCC: F4

Boiling Pt: B.P. Text: >300F, >149C

Vapor Pres: 0.5

Spec Gravity: .82-.87

Solubility in Water: NEGLIGIBLE

Appearance and Odor: LIQUID; CLEAR TO AMBER; CHARACTERISTIC HYDROCARBON  
ODOR

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

Stability Indicator/Materials to

Avoid: YES

HALOGENS, STRONG ACIDS, ALKALIES, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION (EG. STATIC ELECTRICITY BUILDUP).

Hazardous Decomposition Products: DIESEL ENGINE EXHAUST: CO, NITROGEN COMPOUNDS, OXIDES OF SULFUR, HYDROCARBONS (GASES AND PARTICULATES).

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

Waste Disposal Methods: MATERIEL IS SUITABLE FOR BURNING FOR FUEL VALUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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