

BP NORTH AMERICA PETROLEUM INC. -- MARINE DIESEL OIL (MDO) (NATO CODE F76) --  
9140-00-273-2377

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

Product ID:MARINE DIESEL OIL (MDO) (NATO CODE F76)

MSDS Date:11/18/1985

FSC:9140

NIIN:00-273-2377

MSDS Number: BGXGL

=== Responsible Party ===

Company Name:BP NORTH AMERICA PETROLEUM INC.

Address:550 WESTLAKE PARK BLVD, SUITE 1800

City:HOUSTON

State:TX

ZIP:77079

Info P

Phone Num:713-558-3443

Emergency Phone Num:713-558-3443

CAGE:0BF86

=== Contractor Identification ===

Company Name:BP NORTH AMERICA PETROLEUM INC

Address:550 WESTLAKE PARK BLVD SUITE 1800

Box:City:HOUSTON

State:TX

ZIP:77079-2608

Country:US

Phone:713-558-3443

CAGE:0BF86

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

Ingred Name:DIESEL FUEL,MARINE (MFR ALSO USES CAS NO 68476-33-5)

CAS:68476-34-6

RTECS #:HZ1770000

Other REC Limits:HMIS:100 PPM/5MG/M3

===== Ha

zards Identification =====

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

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

Health Hazards Acute and Chronic:PRODUCT IS A MILD IRRITANT. MOST

HAZARDOUS EXPOSURE IS TO AIRBORN MIST OR OTHER ASPIRATION OF LIQUID INTO LUNGS. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE LIVER OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT REPEATED OVER EXPOSURES MAY CAUSE CANCER IN MICE.

Effects of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH PROLONGED/REPEATED CONTACT.  
INHALED:HEADACHE,NAUSEA,CONFUSION,DROWSINESS. ASPIRATION OF LIQUID MAY CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,NAUSEA,POSSIBLE VOMITING.

Medical Cond Aggravated by Exposure:NONE EXPECTED.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING (LAUNDRER BEFORE REUSE) AND THOROUGHLY WASH AREA OF CONTACT WITH SOAP AND WATER. INHALED:REMOVE FROM EXPOSURE. RESUSCITATE OR GIVE OXYGEN IF NEEDED THEN GET MEDICAL ATTENTION. INGESTED:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET MEDICAL CARE.

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

Flash Point Method:PMCC

Flash Point:>140F/60C

Autoignition Temp:Autoignition Temp Text:660F

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

MAY BE INEFFECTIVE AND MAY SPREAD FIRE IF IMPROPERLY USED.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO COOL FIRE EXPOSED CONTAINERS AND EQUIPMENT.

Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENTLY,VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. SATURATED NEWSPAPERS,RAGS,ETC. MAY UNDERGO SPONTANEOUS COMBUSTION.

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

Spill Release Procedures:

ELIMINATE IGNITION SOURCES. USE APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN LEAK. PREVENT LEAK FROM ENTERING SEWER,WATER WAY,ETC. RECOVER AS LIQUID. REPORT SPILL IF APPROPRIATE.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL AREA AWAY FROM OXIDIZERS AND IGNITION SOURCES. DETACHED STORAGE PREFERRED. GROUND CONTAINERS DURING TRANSFER.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN

TAIN RESIDUE AND/OR FUMES  
WHICH ARE EXPLOSIVE. DO NOT CUT,WELD,ETC.

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

Respiratory Protection:NOT EXPECTED TO BE NECESSARY. USE NIOSH/MSHA  
RESPIRATOR IF PRODUCT IS MISTED OR IF TLV/PEL IS EXCEEDED.  
Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL IF  
NORMAL ROOM VENTILATION IS INSUFFICIENT.  
Protective Gloves:RUBBER,PLASTIC OR OTHER IMPERVIOUS.  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.  
Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING TO  
PREVENT PROLONGED/REPEATED CONTACT.  
Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID  
UNNECESSARY CONTACT.  
Supplemental Safety and Health  
MSDS NO. PPNAP.2 NOTE CAS NO GIVEN BY MFR. RTECS NO BY HMIS.

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

HCC:V4  
Boiling Pt:B.P. Text:335-840F  
Vapor Pres:1  
Spec Gravity:0.865-0.897  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARK BROWN TO STRAW COLOR LIQUID, KEROSENE ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS.  
Stability Condition to Avoid:HEAT,IGNITION SOURCES.  
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.  
INCINERATION IS RECOMMENDED FOR

## R DISPOSAL.

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.