

MG REFINING AND MARKETING, INC. -- FUEL OIL (DIESEL) -- 9140-00-000-0184

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Product Identification  
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Product ID:FUEL OIL (DIESEL)

MSDS Date:05/01/1986

FSC:9140

NIIN:00-000-0184

MSDS Number: BWZPL

=== Responsible Party ===

Company Name:MG REFINING AND MARKETING, INC.

Box:1637

City:BEL AIR

State:MD

ZIP:21014-1367

Country:US

Info Phone Num:800-824-4456

Emergency Phone Num:800-882-9067/800-424

-9300(CHEMTREC)

CAGE:0ZQH9

=== Contractor Identification ===

Company Name:MG REFINING AND MARKETING, INC.

Box:1637

City:BEL AIR

State:MD

ZIP:21014-1367

Country:US

Phone:800-882-9067/800-424-9300(CHEMTREC)

CAGE:0ZQH9

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Composition/Information on Ingredients  
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Ingred Name:FUEL OIL (MIXTURE OF PARAFFINIC, CYCLOPARAFFINIC, OLEFINIC,  
AND AROMATIC HYDROCARBONS)

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM NAPHTH

ACGIH TLV:400 PPM RUBBER SOLV

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-PNEUMONITIS, PULMONARY  
EDEMA & CENTRAL NERVOUS SYSTEM DEPRESSION. EYE-MILD EYE IRRITATION  
MAY RESULT FROM CONTACT. SKIN-THIS MATERIAL IS CONSIDERED TO BE AN  
MODERATE SKIN IRRITANT. INGESTION-ASPIRATION INTO THE LUNGS WILL  
CAUSE CHEMICAL PNEUMONIA.

Explanation

of Carcinogenicity:SOME MIDDLE DISTILLATES CAUSE SKIN  
CANCER WHEN REPEATEDLY APPLIED TO MICE OVER THEIR LIFETIME.  
Effects of Overexposure:INHALATION/INGESTION-POSSIBLE EFFECTS INCLUDE  
HEADACHE, NASAL & RESPIRATORY IRRITATION, NAUSEA, DROWSINESS,  
FATIGUE.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, IMPAIRED LIVER OR KIDNEY FUNCTIONS OR CENTRAL NERVOUS  
SYSTEM AND CHRONIC RESPIRATORY DISEASE SHOULD AVOID EXPOSURE TO  
THIS MATERIAL.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.  
GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH  
WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE  
OXYGEN/CPR IF NEEDED. SEE DOCTOR IF BREATHING DIFFICULTIES  
CONTINUE. INGESTION: DO NOT INDUCE VOMITING, SINCE ASPIRATION INTO  
THE LUNGS WILL CAUSE CHEMICAL PNEUMONIA. PROMPTLY OBTAIN MEDICAL  
ATTENTION.

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== Fire Fighting Measures =====

Flash Point Method:PMCC  
Flash Point:115F-160F  
Autoignition Temp:Autoignition Temp Text:350F  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG, OR  
VAPORIZING LIQUID. WATER STREAM MAY SPREAD FIRE.  
Fire Fighting Procedures:USE WATER SPRAY ONLY TO COOL CONTAINERS  
EXPOSED TO FIRE. IF LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY  
TO DISPERSE THE VAPORS.  
Unusual Fire/Explosion Hazard:MODERATELY COMBUSTIBLE. CAN BURN IN THE

OPEN OR BE EXPLOSIVE IN CONFINED SPACES. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS/VAPORS.

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

Spill Release Procedures:NOTIFY EMERGENCY PERSONNEL. EVACUATE ARE & REMOVE IGNITION SOURCES. BUILD A DIKE TO CONTAIN FLOW. REMOVE FEE LIQUID, DO NOT FLUSH INTO SEWER/OPEN WATER. PICK UP WITH PADS & ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINER FOR DISPOSAL.

===== Handl  
ing and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS CLOSED & DO NOT STORE IN A CLOSED VEHICLE. CONTAINERS SHOULD BE ABLE TO WITHSTAND PRESSURES EXPECTED FROM WARMING/COOLING IN STORAGE.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. OBSERVE HAZARD PRECAUTIONS WHEN HANDLING EMPTY CONTAINERS. SPECIAL SLOW LOAD PROCEDURES FOR "SWITCH LOADING" MUST BE FOLLOWED WHEN THIS MATERIAL IS LOADED INTO TANKS P REVIOUSLY CONTAINING GASOLINE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN VAPOR LEVELS EXCEED EXPOSURE LIMITS. UP TO 2500PPM, HALF MASK ORGANIC VAPOR RESPIRATR. UP TO 5000PPM, FULL-FACE ORGANIC VAPOR RESPIRATOR OR FULL-FACE SUPPLIED A IR RESPIRATOR, GREATER THAN 5000PPM SCBA

Ventilation:MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP AIR CONCENTRATIONS BELOW 500 PPM. WHEN LOADING, UNLOADING, TANK GAUGING.

Protective Gloves:N  
ITRILE, NEOPRENE OTHER RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:GLOVES, APRON, BOOTS & FACIAL PROTECTION MADE OF NITRILE, NEOPRENE, OR GAS RESISTANT MATERIAL. SAFETY SHOWER & EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health  
USE ELECTRICAL GROUNDING ON HANDLING/TRANSPORTATION EQUIPMENT.

===== Phys

ical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:300F-700F

Vapor Pres:0.1-0.5

Vapor Density:4+

Spec Gravity:0.75-0.88

Viscosity:35 SUS @ 100F

Evaporation Rate & Reference:SLOW

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TO LIGHT YELLOW, AMBER IN COLOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:  
HEAT, SPARKS, FLAMES AND STATIC  
ELECTRICITY.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN YIELD CARBON  
DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, LEAD OXIDE, AND VARIOUS  
HYDROCARBONS.

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

Waste Disposal Methods:MAXIMIZE PRODUCT RECOVERY FOR REUSE OR  
RECYCLING. USE APPROVED TREATMENT, TRANSPORTERS & DISPOSAL SITES IN  
COMPLIANCE WITH ALL LAWS. A POTENTIAL DISPOSAL METHOD IS  
INCINERATION AND LAND  
DISPOSAL IF PERMITTED.

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