

MG REFINING & MARKETING/METALLGESELLSCHAFT CORP -- FUEL OIL (DIESEL) --
9140-00-273-2394

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

Product ID:FUEL OIL (DIESEL)
MSDS Date:05/01/1986
FSC:9140
NIIN:00-273-2394
MSDS Number: BPFVD
=== Responsible Party ===
Company Name:MG REFINING & MARKETING/METALLGESELLSCHAFT CORP
Address:5 LAKE FANNY DR
Box:1367
City:BEL AIR
State:MD
ZIP:21014-1367
Country:US
Info Phone Nu
m:800-824-4456/FAX 410-893-6211
Emergency Phone Num:800-882-9067/800-424-9300(CHEMTREC)
CAGE:0BAM3

=== Contractor Identification ===

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

Ingred Name:FUEL OIL (COMPLEX MIXTURE OF PARAFFINIC, CYCLOPARAFFINIC,
OLEFINIC & AROMATIC HYDROCA
RBONS
Fraction by Wt: 100%
Other REC Limits:TWA 500 PPM

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

LD50 LC50 Mixture:TLV IS 5 MG/M3 OIL MIST.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INHALED:IRRITATES RESPIRATORY
TRACT,HEADACHE,NAUSEA,DIZZINESS,CNS
DEPRESSION,WEAKNESS,DROWSINESS.EYES:IRRITATION.SKIN:PROLONGED/REPEA
TED CONTACT CAN CAUSE IRRITATION,DEF

ATTING & DERMATITIS. ORAL:

SIMILAR TO INHALATION. ASPIRATION INTO THE LUNGS MAY CAUSE LUNGS DAMAGE. CHRONIC-SKIN DEFATTING & DERMATITIS.

Explanation of Carcinogenicity: THE NIOSH HAS RECOMMENDED THAT WHOLE DIESEL EXHAUST BE REGARDED AS POTENTIALLY CAUSING CANCER.

Effects of Overexposure: IF INHALED, CAUSES RESPIRATORY TRACT IRRITATION, HEADACHE, NAUSEA, DIZZINESS, CNS DEPRESSION, WEAKNESS, DROWSINESS. CAN CAUSE EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT CAN CAUSE IRRITATI

ON, DEFA TTING & DERMATITIS. ORALLY CAN

GIVE SYMPTOMS SIMILAR TO INHALATION. ASPIRATION INTO THE LUNGS MAY CAUSE LUNGS DAMAGE.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid: GET MEDICAL CARE IN ALL CASES. INHALED: REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYE: FLUSH WITH WATER FOR 15 MINUTES KEEPING EYELID OPEN. SKIN: WASH WITH SOAP & WATER. INGESTED: DO NOT INDUCE VOMITI NG. ASPIRATION HAZARD. CALL PHYSICIAN. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT PULMONARY ASPIRATION & CHEMICAL PNEUMONIA.

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

Flash Point Method: PMCC

Flash Point: 115F, 46C MIN

Autoignition Temp: Autoignition Temp Text: 350F

Extinguishin

g Media: USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL OR VAPORIZING LIQUID (HALON). WATER STREAM MAY SPREAD FIRE.

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: LEAD OXIDE, CARBON MONOXIDE AND CARBON DIOXIDE. WATER RUNOFF TO SEWER MAY CARRY COMBUSTIBLE FUELS & CREATE A FIRE/EXPLOSION. FIRE HAZARD INCREASES IF HEATED.

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

Spill Release Procedures:REMOVE SOURCE OF HEAT,SPARKS,FLAME,FRICTION & ELECTRICITY,INCLUDING INTERNAL COMBUSTION ENGINE.USE EXPLOSION-PROOF EQUIPMENT TO CLEAN UP.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS,WATERWAYS/LOW AREAS.SOAK UP WITH SAWDUST,SAND,OIL DRY.SHOVEL/SWEEP

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,DRY WELL-VENTILATED AREA IN CLOSED CONTAINER AWAY FROM HEAT,IGNITION SOURCES & OXIDIZERS.

Other Precautions:COMBUSTIBLE LIQUID. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. GROUND AND BOND CONTAINERS TO PREVENT STATIC SPARKS. USE EXPLOSION-PROOF ELECTRICAL SERVICES.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED SUPPLIED-AIR RESPIRATOR FOR EMERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR PETROLEUM-BASED MATERIALS MAY BE USED WHEN GLOVES ARE IMPRACTICAL.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO HEAT, FLAME; THEY MAY EXPLODE. DO NOT USE PRESSURE TO EMPTY DRUM OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE.

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== Physical/Chemical Properties =====

HCC:F4

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

Vapor Pres:.1-.5@100F

Vapor Density:>4

Spec Gravity:0.75

Viscosity:30-42SUS@100F

Evaporation Rate & Reference:SLOW (UNKNOWN)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TO LIGHT YELLOW, AMBER LIQUID WITH MILD
PETROLEUM ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING A

GENTS

Stability Condition to Avoid:HIGH HEAT, SPARKS, FLAMES, STATIC

ELECTRICITY AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, LEAD
OXIDE AND VARIOUS HYDROCARBONS

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR.
TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN
ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS

. UNUSED LIQUID PRODUCT IS LIKELY EPA "IGNITABLE
HAZARDOUS WASTE"(D001).

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