

MG REFINING AND MARKETING, INC -- NO. 1 DIESEL FUEL -- 9140-00-286-5289

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Product Identification  
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Product ID:NO. 1 DIESEL FUEL

MSDS Date:05/01/1986

FSC:9140

NIIN:00-286-5289

MSDS Number: BPBWL

=== Responsible Party ===

Company Name:MG REFINING AND MARKETING, INC

Box:1367

City:BEL AIR

State:MD

ZIP:21014-1367

Country:US

Info Phone Num:800-882-9067

Emergency Phone Num:800-882-9067

CAGE:0S76

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=== Contractor Identification ===

Company Name:MG REFINING & MARKETING/METALLGESELLSCHAFT CORP

Address:5 LAKE FANNY DR

Box:1367

City:BEL AIR

State:MD

ZIP:21014-1367

Country:US

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

CAGE:0BAM3

Company Name:MG REFINING AND MARKETING,INC

Address:1100 MILAM ST SUITE 4750

Box:1367

City:HOUSTON

State:TX

ZIP:77002

Country:US

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

CAGE:0S764

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Composition/Information on Ingredients  
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Ingred Name:COMPL

EX MIXTURE OF PARAFINIC, CYCLOPARAFFINIC, OLEFINIC,  
AND AROMATIC HYDROCARBONS

Fraction by Wt: >99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM 9091

Ingred Name:BENZENE (SARA III); >100 PPM (TRACE LEVELS) BENZENE PER  
API WASH AND MAJOR FORMULATORS. BUT NOT LISTED IN THE MSDS'S

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.01%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: PRODUCT IS MILDLY IRRITATING TO  
SKIN. ON INHALATION, IT MAY PRODUCE CENTRAL NERVOUS SYSTEM  
DEPRESSION, NARCOSIS. GREATER EXPOSURE MAY CAUSE DIZZINESS, SLURRED  
SPEECH, FLUSHED FACE, UNCONSCIOUSNESS OR CONVULSIONS.  
CHRONIC:DERMATITIS,PNEUMONITIS, PULMONARY EDEMA AND KIDNEY  
DAMAGE.

Explanation of Carcinogenicity:THE PRODUCT ITSELF HAS NOT SHOWN ANY  
EVIDENCE OF BEING CARCINOGENIC. BUT SAMPLES ANALYSIS REVEALED  
BENZENE >100PPM.

Effects of Overexposure:EYE:HIGH CONCENTRATION OF VAPORS CAUSE  
IRRITATION; SKIN: MAY CAUSE MILD IRRITATION, POSSIBLE DERMATITIS  
WITH PROLONGED AND/OR REPEATED CONTACT. INHALATION: RESPIRATORY  
TRACT IRRITATION, NAUSEA, DIZZINESS, HEADACHE,CONFUSION,BLURRED  
VISION. INGESTED: GASTROINTESTINAL IRRITATION, NAUSEA,  
V

OMITING.ASPIRATION HAZARD!

Medical Cond Aggravated by Exposure:PEOPLE WITH A SKIN DISORDER OR  
IMPAIRED PULMONARY FUNCTION SHOULD USE EXTRA CAUTION WHEN HANDLING  
OR USING THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP  
& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.  
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.  
INGESTED:DO NOT INDUCE VOMIT

ING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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

Flash Point Method:TCC

Flash Point:>115F,>46C

Lower Limits:UNK

Upper Limits:UNK

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, HALON. WATER STREAM MAY SPREAD FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SCBA. EVACUATE AREA. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS COOL, FLUSH SPILL/VAPORS AWAY.

Unusual Fire/Explosion Hazard:NONE GIVEN BY MANUFACTURER (SUPPLIER).

HMIS:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.VAPORS MAY FLASHBACK.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL.

PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. SHUT OFF LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. AVOID WASHING TO STORM SEWER

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED LOW FIRE RISK AREA. DETACHED STORAGE IS PREFERABLE.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. GROUND CONTAINERS BEFORE TRANSFERRING LIQUID. AVOID HAVING OPEN ELECTRICAL EQUIPMENT IN VAPOR AREAS.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED.

P

rotective Gloves:NEOPRENE, NITRILE, OR PVC

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR IMPERVIOUS CLOTHING WHEN SPLASHING IS LIKELY.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID PROLONGED/REPEATED CONTACT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

PER API, WASHINGTON, DC AND FEW OF MAJOR FORMULATORS, DIESEL FUELS WERE FOUND TO HAVE TRACE LEVELS OF BENZ

ENE. TYPICAL SAMPLE ANALYSIS

SHOWED 100 TO 250 PPM OF BENZENE.

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

HCC:F4

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

Vapor Pres:5 MMHG@100

Vapor Density:>4

Spec Gravity:0.75 - 0.88

Evaporation Rate & Reference:SLOW

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TO YELLOW LIQUID WITH CHARACTERISTIC HYDROCARBON SMELL.

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

Stability Indicator/Materials to

Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER PETROLEUM COMBUSTION PRODUCTS. MAY EMIT SULFUR DIOXIDE DEPENDING ON SULFUR.

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF DISPOSAL. HMIS

SUGGESTS INCINERATION MAY BE THE BEST DISPOSAL  
METHOD. RCRA HAZ WASTE #S D001, D018 (BECAUSE OF BENZENE IN DIESEL  
FUELS).RECYCLE.

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