

GASOLINE MARINE MEDIC

MATERIAL SAFETY DATA SHEET

Company: Fuel Solutions Distributors LLC.

Address: 3777 NE163rd St #148. North Miami Beach FL 33160

Contact: 800 951 5430

Web Site: www.FuelMedics.com

May be used to comply with OSHA's Hazard Communication Standard 29CFR 1910.1200. Standard

SECTION I IDENTIFICATION

TRADE NAME:	Gasoline Marine Medic
PRODUCT CODE:	GMM-1192
U.S.D.O.T. SHIPPING NAME:	Combustible liquid, n.o.s.
TECHNICAL NAME:	Petrochemical industry: Gasoline detergent additive
U.S.D.O.T. PRIMARY HAZARD CLASS:	Non Regulated
U.S.D.O.T. SECONDARY HAZARD CLASS:	Not Applicable
IDENTIFICATION NUMBER:	NA1993
IATA (AIRLINE):	Non Regulated
MARITIME NON:	Regulated
PACKING GROUP:	III

SECTION II HAZARDOUS INGREDIENTS - IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV
Solvent naptha (petroleum), light aromatic	64742-95-6	500ppm	N/A
Benzene, 1, 2, 4 trimethylbenzene	95-63-6	N/A	25 ppm
Xylene	1330-20-7	N/A	100 ppm
Cumene	98-82-8	N/A	50 ppm
O-Xylene	95-47-6	N/A	100 ppm
N-Propylbenzene	103-65-1	N/A	N/A
Benzene, 1, 2, 3-tri methyl benzene	526-73-8	N/A	25 ppm
Benzene, 1, 3, 5-trimethylbenzene	108-67-8	N/A	25 ppm
Polyolefin aikyl phenol alkyl amine	Proprietary	N/A	N/A

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HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV
2-Ethyl Hexanol	104-76-7	N/A	N/A
Ethylhexylnitrate	27247-96-7	NA	NA
Ethylene glycol monobutyl ether**	111-76-2	100 ppm	100 ppm
** Reportable under SARA 313 - 95% by weight			

Other components, if any, are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.

SECTION III PHYSICAL & CHEMICAL CHARACTERISTICS

FLASH POINT:	112°F Closed Cup (Pensky-Martens. Minimum)
SPECIFIC GRAVITY:	0.922 @ 20°C
VAPOR DENSITY (H2O = 1):	Greater
VAPOR PRESSURE:	1.5 mmHg at 15.6/15.6C (target)
EVAPORATION RATE (BA = 1):	Slower
% SOLIDS:	Negligible
WEIGHT (lb./gal):	7.51
SOLUBILITY IN WATER:	Slight
VISCOSITY @ 25 C:	17c St @ 40°C
APPEARANCE & ODOR:	Light Amber liquid, sweet amine odor

SECTION IV FIRE & EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Dry chemical foam, or water fog.
SPECIAL FIRE FIGHTING PROTECTION:	Protect against decomposition products. Wear Self Contained Breathing Apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Heating of non-vented container may cause explosion. Keep surrounding containers cool with water spray.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO2)

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SECTION V REACTIVITY DATA

STABILITY:	Stable.
CONDITIONS TO AVOID:	Contact with open flame.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide and unidentified organic compounds may be formed during combustion.
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION VI HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE:	
EYES:	Irritation, redness.
DERMAL:	Dryness, irritation, redness.
INHALATION:	Vapors may irritate nose, throat, respiratory tract.
INGESTION:	Nausea, vomiting, dizziness, headache, blurred vision.
EMERGENCY AND FIRST AID PROCEDURES: Eyes:	
EYES:	Flush with large amounts of water for 15 minutes.
DERMAL:	Wash with soap and water.
INHALATION:	Remove victim to fresh air.
INGESTION:	Do Not induce vomiting. Get medical attention.
ACUTE HEALTH HAZARDS:	Irritation of skin and eyes.
CHRONIC HEALTH HAZARDS:	Observations in animals include blood, kidney and reproductive effects.

HAZARDOUS MATERIAL INFORMATION SYSTEM:

Health 2	Flammability 2	Reactivity 0	Personal B
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SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Dike area. Remove all sources of ignition. Ventilate area if necessary. Absorb free liquid with earth, sand, clay, or absorbent pads and place in non-leak containers for disposal. Flush area for trace residue and dispose of as below.
WASTE DISPOSAL METHOD:	In accordance with Federal, State, and Local Laws.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Normally not needed in a well ventilated area.
VENTILATION:	Mechanical to maintain good air flow.
PROTECTIVE GLOVES:	Rubber.
EYE PROTECTION:	Goggles or safety glasses.
OTHER:	As needed to minimize exposure.
HYGIENIC PRACTICES:	Always wash face and hands after contact

SECTION IX NOTES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

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