

MATERIAL SAFETY DATA SHEET



MEGA POWER MP 5 Diesel Fuel Conditioner

MSDS Number: MP 5 Diesel Fuel Conditioner

Version Number: 1

Version Date: 1/02/2010

MEGA POWER

8565A Somerset Drive
Largo, FL 33773-2712
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: MEGA POWER MP 5
Product Description: Diesel Fuel Additive
Chemical Family:
CAS Registry: Mixture
Manufacturer: MEGA POWER 8565A Somerset Drive Largo, FL 33773-2712 813-855-6664

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS No</u>	<u>WT. RANGE %</u>	<u>EXPOSURE LIMIT</u>
Light Petroleum Distillate	68476-34-6	35-45	5mg/cubic meter as mist
Detergent Napthalene	Mixture	2-10	10 ppm
Isoparaffin	68551-17-7	45-55	Not Established

*Hazardous according to OSHA (1910.1200) or one or more state Right-to-Know lists.

SECTION 3 – HAZARDOUS IDENTIFICATION

Health: 1
Flammability: 2
Reactivity: 0
Special: None
0 = minimal 1= slight 2=moderate 3= serious 4= severe

Route(s) of Entry

Inhalation: Yes
Skin: Yes
Ingestion: Yes
Eyes: Yes

Target Organs:

Effects of overexposure:

Acute: Eyes: May cause minimal irritation, experienced as temporary discomfort.

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<small>†Sec. 8</small>

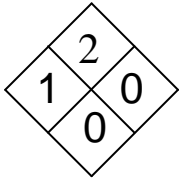
Effects of overexposure (con't)	Acute:	Skin: Brief contact is not irritating. Prolonged contact, as with clothing wetted with material may cause defatting of skin or irritation, seen as local redness with possible mild discomfort. Other than the potential skin irritation effects noted above, acute (short term) adverse effects are not expected from brief skin contact.
		Inhalation: Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness. Prolonged or repeated overexposure may result in the absorption of potentially harmful amounts of material.
Sensitization Properties: Signs and Symptoms of Exposure:		Ingestion: May cause irritation, nausea, and vomiting.
		Unknown
		See above "Effects of Overexposure."
Medical Conditions Generally Aggravated by Long-Term Exposure:		
Chronic Effects:		
Carcinogenicity		
NTP:		Not listed
IARC Monographs:		Not listed
OSHA Regulations:		Not listed
ACGIH		Not listed

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures:	Eye contact:	Immediately flush with large quantities of water for at least 15 minutes and
	Skin contact:	Remove excess with cloth or paper towel. Wash thoroughly with soap and water. If irritation persists, get medical attention.
	Ingestion:	Immediately contact a physician, poison control center or emergency treatment center. DO NOT induce vomiting. Aspiration Hazard: Product may be inhaled into lungs if vomited.
	Inhalation:	Remove to fresh air. Restore and/or support breathing as required. Keep victim warm and at rest.
Note to Physicians:		Treat symptomatically
Special Precautions/Procedures:		None known

SECTION 5 – FIRE-FIGHTING MEASURES

Unusual Fire Fighting procedures:	None known
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Flash Point:	105 F	NFPA 
Flash Point Method:	Closed Cup	
Burning Rate:	Unknown	
Autoignition Temperature:	507F	
Flammable limits in air (% by volume):		
LEL:	0.7	
UEL:	5.5	
Flammability Classification:	Flammable	
Extinguishing Media:	Use water spray, dry chemical, foam or carbon dioxide to extinguish.	
Unusual Fire or Explosion Hazards:	None known	
Fire-Fighting Instructions;	According to the National Fire Protection Association Guide, use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water spray to disperse the vapors and to provide protection for person attempting to stop the leak.	
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.	
Unusual Fire Fighting procedures:	Not required	
Other Information:	Products evolved when subjected to heat or combustion: Carbon Monoxide and Carbon Dioxide may be formed on burning in limited air supply.	

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures:	Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.
Regulatory Requirements:	

SECTION 7 – HANDLING AND STORAGE

Handling Precautions	Minimum feasible handling temperatures should be maintained.
Storage Requirements:	Periods of exposure to high temperature should be minimized. Water contamination should be avoided. Do not store near food.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:	Normal to maintain exposure below TLV
Permissible Concentrations in Air:	
Respiratory Protection:	Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Use a NIOSH approved organic vapor and gas respirator with mist filter.
Eye Protection:	Chemical type goggles or face shield.
Protective Clothing/Equipment:	Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.
Work and Hygienic Practices:	Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.
Safety Stations:	Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:	Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
Comments:	Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Clear Liquid, bland odor
Boiling Point (760 mm Hg):	No data
Freezing/Melting Point:	20 F
Specific Gravity (water =1):	0.86
Vapor Density (air =1):	5.2
Percent Volatile by Volume:	50
Evaporation Rate (butyl acetate =1):	<0.1
Solubility in Water (% by wt):	Not Soluble
Vapor Pressure (at 20°C):	1.9
pH:	n/a
Viscosity SUS @ 100°F	45

Stability:	Stable
Polymerization:	Does not occur
Chemical Incompatibilities:	Strong oxidizers, acids
Conditions to Avoid:	Exposure to heat, sparks, or open flames.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Eye Effects:	Mildly irritating.
Skin Effects:	Mildly irritating.
Acute Inhalation Effects:	No information available.
Acute Oral Effects:	No information available.
Chronic Effects:	Unknown
Carcinogenicity:	Neither product nor its ingredients are listed by IARC, NTD or OSHA
Mutagenicity:	Not mutagenic
Teratogenicity:	Not Teratogenic

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Not Established
Soil Absorption/Mobility:	Not Established

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of waste in accordance with Federal, State and Local laws.
Disposal Regulatory Requirements:	Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classification)
Container Cleaning and Disposal:	Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT Shipping Name:	Petroleum distillates N.O.S.
Shipping Symbols:	Not applicable
Hazard Class:	Combustible Liquid (or Flammable Liquid)
DOT Identification No.:	UN 1268
Packing Group:	PG III

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MSDS: MP 5 Diesel Fuel Treatment

Label:	Not applicable
Special Provisions (172.102):	Not applicable
Packaging Authorizations	
a) Exceptions:	Not applicable
b) Non-bulk Packaging:	Not applicable
c) Bulk Packaging:	Not applicable
Quantity Limitations	
a) Passenger, Aircraft, or Railcar:	Not applicable
b) Cargo Aircraft Only:	Not applicable
Vessel Stowage Requirements	
a) Vessel Stowage:	Not applicable
b) Other:	Not applicable

SECTION 15 – REGULATORY INFORMATION

EPA Regulations

RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification: Unused product is not classified as a hazardous waste by RCRA criteria

CERCLA Hazardous Substance and CERCLA Reportable Quantity: Does not contain any ingredients listed as a CERCLA hazardous substance.

SARA Toxic Chemical and SARA EHS: Contains following substance which is listed in Title III: SARA 313 Information: SARA Hazard Category:

OSHA Regulations:

State Regulations:

Other: All components listed on both TSCA (USA) and DSL (Canada) inventory.

SECTION 16 – OTHER INFORMATION

Prepared By: MEGA POWER

Additional Hazard Rating Systems: None

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This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

CONSULT MEGA POWER FOR FURTHER INFORMATION.