

Prepared according to 29 CFR 1910.1200

Date prepared: **JANUARY 2002**
 Date revised: **MARCH 2008**

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 MSDS No. 4.3.1

Section I

IDENTITY: *As Used on Label and List:* **AQUAFIN MEGA-MORTAR-IC**
Chemical Characterization: **Cement - Preparation**

AQUAFIN, INC.
 505 BLUE BALL RD NO. 160
 ELKTON, MD 21921

Emergency Phone: **(800) 394-1410**
 Information Phone No. **(410) 392-2300**

- HMIS -	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

(Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Weight %
Portland Cement (CAS 65997-15-1)	15 mg/M ³	5 mg/M ³	proprietary
Calcium Aluminate Cement (CAS 65997-16-2)	15 mg/M ³	5 mg/M ³	proprietary
Crystalline Quartz Silica (CAS 14808-60-7)	10 mg/M ³	.1 mg/M ³	> 20%
Polypropylene (CAS 65997-17-3)	15 mg/M ³	5 mg/M ³	proprietary
Alkaline Earth Compound	15 mg/M ³	5 mg/M ³	proprietary
Proprietary Formula Enhancing Additives	15 mg/M ³	5 mg/M ³	proprietary

Section III - Physical/Chemical Characteristics

Boiling Point:	N.A.	Specific Gravity: (BULK DENSITY)	appx. 1.6 kg/dm³
Vapor Pressure (mm Hg.):	N.A.	Melting Point:	N.A.
Vapor Density (AIR = 1):	N.A.	Evaporation Rate (Butyl Acetate = 1):	N.A.
Solubility in Water:	< 1.5 g/L	pH-value:	10 - 13
Appearance and Odor:	CEMENT GRAY POWDER - ODORLESS		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method used):	NONE	Flammable Limits:	NONE	LEL:	N/A	UEL:	N/A
Extinguishing Media:	NONE REQUIRED - PRODUCT IS NOT FLAMMABLE						
Special Fire Fighting Procedures:	NONE - PRODUCT IS NOT FLAMMABLE						
Unusual Fire and Explosion Hazards:	NONE						

Section V - Reactivity Data

Stability: Unstable:	Stable: X	Conditions to Avoid:	AVOID CONTACT WITH HUMIDITY
Incompatibility (Materials to Avoid):	NONE KNOWN		
Hazardous Decomposition or Byproducts:	NONE KNOWN		
Hazardous Polymerization: May Occur:	Will Not Occur: X	Conditions to Avoid:	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?: YES	Skin?: YES	Ingestion?: N/A
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Health Hazards (*Acute and Chronic*):**HIGH DUST CONCENTRATION CAN BE IRRITATING TO RESPIRATORY SYSTEM; IRRITATING TO SKIN; IRRITATING TO EYES. PROLONGED EXPOSURE TO RESPIRABLE SILICA MAY CAUSE DELAYED LUNG INJURY (SILICOSIS).**

Carcinogenicity: -

NTP?: **Yes**IARC Monographs?: **Yes**OSHA Regulated?: **Yes****CRYSTALLINE QUARTZ SILICA IS LISTED BY ALL ABOVE AS A CARCINOGEN.**Signs and Symptoms of Exposure: **IRRITATION, REDNESS, RASH, COUGHING**

Medical Conditions - Generally Aggravated by Exposure:

HYPERSENSITIVE INDIVIDUALS MAY DEVELOP A SKIN RASH.

Emergency and First Aid Procedures:

INHALATION: **CONSULT A PHYSICIAN, SHOULD THE AIR PASSAGES BE AFFECTED.**SKIN: **AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER.**EYES: **IN CASE OF CONTACT WITH THE EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER (10 - 15 MIN.) AND CONSULT A PHYSICIAN.**INGESTION: **RINSE MOUTH VIGOROUSLY AND DRINK PLENTY OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.**

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: **USE DRY CLEANUP METHODS THAT DO NOT DISPERSE THE DUST INTO THE AIR. WITH WATER MATERIAL HYDRATES TO A SOLID HARMLESS WASTE. EMERGENCY PROCEDURES ARE NOT REQUIRED.**Waste Disposal Method: **DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.**Ecological Information: **THE UNUSED PRODUCT IS SLIGHT WATER POLLUTANT. LARGE QUANTITIES MAY BE TOXIC TO FISH. DO NOT EMPTY INTO WATERS OR DRAINS.**

Precautions to Be Taken in Handling and Storing:

AVOID BREATHING DUST AND CONTACT WITH EYES. STORE IN A DRY ENCLOSED AREA OFF THE GROUND. AVOID CONTACT WITH HUMIDITY.Other Precautions: **NONE**

Section VIII - Control Measures

Respiratory Protection (*Specify Type*):**IN DUSTY ENVIRONMENTS USE OF 'NIOSH/MSHA' APPROVED RESPIRATOR IS RECOMMENDED.**Ventilation: Local Exhaust: **AS REQUIRED TO CONTROL AIRBORNE DUST LEVELS.**Special: **NONE**Mechanical (*General*): **RECOMMENDED**Other: **NONE**Protective Gloves: **NEOPRENE or RUBBER**Eye Protection: **GOGGLES**Other Protective Clothing or Equipment: **STANDARD WORK CLOTHING**Work/Hygienic Practices: **WASH HANDS BEFORE BREAKS AND AFTER WORK, AND BEFORE EATING, DRINKING OR SMOKING.**

Section IX - Shipping Information

DOT (Domestic Surface) Hazard Class or Division:

NOT REGULATED

IMO (Ocean) Hazard Class or Division:

NOT REGULATED

ICAO (Air) Hazard Class or Division:

NOT REGULATED

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