

Prepared according to 29 CFR 1910.1200

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 MSDS No. 4.1.3

**Section I**

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

AQUAFIN, INC.  
 505 BLUE BALL RD. #160  
 ELKTON, MD 21921

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

<b>- HMIS -</b>	
<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</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%
Calcium Aluminate Cement (65997-16-2)	15 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>	Proprietary
Crystalline Quartz Silica (CAS 14808-60-7)	10 mg/M <sup>3</sup>	.1 mg/M <sup>3</sup>	Proprietary
Proprietary Formula Enhancing Additives	15 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>	Proprietary

**Section III - Physical/Chemical Characteristics**

Boiling Point:	<b>N.A.</b>	Specific Gravity: (BULK DENSITY)	<b>appx. 2.1 kg/dm<sup>3</sup></b>
Vapor Pressure (mm Hg.):	<b>N.A.</b>	Melting Point:	<b>N.A.</b>
Vapor Density (AIR = 1):	<b>N.A.</b>	Evaporation Rate (Butyl Acetate = 1):	<b>N.A.</b>
Solubility in Water:	<b>&lt; 1.5 g/L</b>	pH-value:	<b>11 - 13.5</b>
Appearance and Odor:	<b>CEMENT GRAY POWDER - ODORLESS</b>		

**Section IV - Fire and Explosion Hazard Data**

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

**Section V - Reactivity Data**

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

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?: <b>YES</b>	Skin?: <b>YES</b>	Ingestion?: <b>N/A</b>
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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.**

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**Section VII - Precautions for Safe Handling and Use**

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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**

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**Section VIII - Control Measures**

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Respiratory Protection (*Specify Type*):**IN DUSTY ENVIRONMENTS AND DURING SPRAY APPLICATIONS 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.**

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**Section IX - Shipping Information**

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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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