

Date prepared: FEBRUARY 2005
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MSDS No1.4.2

Section 01 - Product Identification

IDENTITY: *As Used on Label and List:* **AQUAFIN-IC ADMIX**
Chemical Characterization: **Liquid Crystalline Waterproofing Additive/Admix for Concrete**

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

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

Section 02 - Composition/Information on Hazardous Ingredients

Hazardous Components	CAS No.	TLV	PEL	Weight %
WATER BASED SOLUTION OF INORGANIC ALKALINE EARTH MINERAL COMPOUNDS	No hazardous components		N.A.	N.A.

Section 03 - Hazards Identification

Potential Health Effects of Overexposure:

When handled under normal conditions, "AQUAFIN-IC ADMIX" has to our best knowledge and experience no toxic effects. Long exposure can cause irritation of skin and mucous membranes.

Inhalation: Move to fresh air if feeling ill or experiencing trouble with breathing. Consult a physician if problem persists.

Ingestion: Irritating to mouth, throat and stomach. Rinse mouth vigorously and drink plenty of water. Do not induce vomiting. Consult a physician.

Skin Contact: Can cause slight to moderate irritation. After contact with skin, wash immediately with soap and plenty of water. Remove heavily soiled clothing.

Eye Contact: Corrosive. Can cause severe irritation, redness, tearing and blurred vision. Prolonged or repeated contact can cause burns and possibly corneal injury. Rinse immediately with plenty of water (10 – 15 minutes) and consult a physician.

Chronic Toxicity: No known effect.

Section 04 – First Aid Measures

After Inhalation: Remove subject to fresh air. If signs/symptoms continue consult a physician.

After Ingestion: Do not induce vomiting without medical advice. Drink plenty of water. Immediately seek medical attention.

After Skin Contact: Instantly wash skin with plenty of soap and warm water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation develops and persists.

After Eye Contact: Rinse opened eye with plenty of running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Consult immediately physician.

Section 05 – Fire Fighting Measures

Flash Point: Not combustible.

Autoignition: N/A (Not Applicable)

Extinguishing Media: Carbon dioxide (CO₂), extinguishing powder, water fog, alcohol-resistant foam.

Special Fire Fighting Procedures: As in any fire, wear full protective gear and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards. Material can splatter above 212°F (100°C).

NFPA: Health Hazard: 2 **Flammability:** 0 **Stability:** 0 **Special Hazards:** --
NFPA/HMIS Rating Legend: Minimal = 0; Slight = 1; Moderate = 2; Serious = 3; Severe = 4.

Section 06 - Accidental Release Measures

Person-related Safety Precautions: Avoid eye and skin contact.

Methods for Cleaning up: Contain and collect spillage with non-combustible, absorbent materials. I.e. sand, earth, vermiculite, diatomaceous earth, universal binders, saw dust and place in container for disposal. Wear personal protective equipment. Emergency procedures are not required.

Ecological Information: Do not empty into waters or drains.

Section 07 – Handling and Storage

Handling: Avoid eye and skin contact. Keep out of reach of children.

Storage: Store in original properly labeled, tightly closed container, in a cool, dry enclosed area off the ground. No special measures required against explosion and fires. Store away from foodstuffs.

Section 08 – Exposure Controls / Personal Protection

Engineering Controls: Use with adequate general and local exhaust ventilation. Washing of the skin in the working area must be possible. Eye-wash bottle must be available.

Respiratory Protection: Wear a properly fitted NIOSH approved respirator in poorly ventilated areas.

Skin Protection: When installing, wear appropriate protective rubber or plastic gloves to prevent hand-skin exposure. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).

Eye Protection: Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary.

Work/Hygienic Practices: Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 09 – Physical and Chemical Properties

Physical State: Liquid
Appearance/Color: Transparent / blue
Odor: Odorless
Solubility in Water: Miscible

Boiling Point:	100°C (212°F) water
Melting Point:	N/A
Bulk Density:	1.15 kg/L
pH:	11 – 12 at 20°C (68°F)
Viscosity, dynamic:	4 – 7 mPas (4 – 7 Cps) Brookfield-LV #61/100 RPM at 20°C (68°F)
VOC Concentration:	0 g/l

Section 10 – Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Exposure to low temperature and freezing.
Hazardous Decomposition Products:	No decomposition if used according to specifications.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	None known.

Section 11 – Toxicological Information

Acute Oral Toxicity:	LD50	2,800 mg/kg (rat)
Acute Dermal Toxicity	LD50	>2,000 mg/kg (rabbit)
Primary Irritant Effect:		
• On the skin:		Irritant for skin and mucous membranes.
• On the eye:		Corrosive effect.
Chronic Toxicity:		No known effects.

Section 12 – Ecological Information

Ecological Information:	The unused product is slight water pollutant. Large quantities may be toxic to fish. Do not allow undiluted product or large quantities to reach into waterways or drains.
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Section 13 – Disposal Considerations

Waste Disposal Method:	Dispose of in a manner consistent with federal, state and local regulations.
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Section 14 – Transport Information

RCRA Hazard Class:	Non-hazardous.
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.

Section 15 – Regulatory Information

SARA 311/312 (RTK): Hazard Categories:	Acute Health:	YES
	Chronic Health:	NO

SARA Section 313 Notification: This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 or CFR 372.

CERCLA: No CERCLA chemicals exist in this product above reportable concentrations.

TSCA Section 12(b) Export Notification: There are no reportable TSCA 12(b) Chemicals in this product.

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Class:
D2B Toxic materials
E Corrosive material



Section 16 – Other Information

NFPA/HMIS Ratings Legend: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic.

HMIS® - Rating	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Hazard Designation



Xi Irritant

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END OF MSDS

(December 26, 2012)