

MGS™ Mortar & Grout Solution For Tile and Stone Applications

MANUFACTURER

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PRODUCT DESCRIPTION

AQUORON® MGS™ is a clear, environmentally neutral, non-toxic, odorless, colloidal liquid.

BASIC USE

AQUORON® MGS™ is added to the mixture of Mortar and Grout for tile and natural stone applications in the pool industry. This combination will strengthen, densify, and increase the impermeability of the mortar and grout. This protection will also assist in reducing or eliminating efflorescence issues for tile in contact with water. Water in transit over a vanishing edge weir or spa can produce efflorescence issues by simply drawing out soluble salts from the grout and also the mortar bed, even when the pool shell wall is properly waterproofed.

Mortar used for natural stone assemblies can also produce large amounts of efflorescence and will benefit from the use of **MGS**™. This works in conjunction with other Aquoron products such as **AQUORON**® (CPSP) Concrete Pool Shell Protector to provide more complete waterproofing methods and efflorescence control.

MGS™ is a colloidal liquid solution that is first placed into potable water before mixing with Portland cement and sand. Mixing at the ratio of 2.5 ounces/.0739 liters of **MGS**™ for every gallon of water means that one gallon of **MGS**™ will condition 51.2 gallons of water. **MGS**™ cannot be used with polymer modified mortar and grout.

BENEFITS

- Increases workability & Lubricity
- Reduces permeability
- Improves strength and bonding
- Eliminates capillary action potential
- Reduces shrinkage cracking

- Reduces efflorescence
- Increases acid/chemical resistance

PHYSICAL PROPERTIES

Physical	Liquid
Color	Water-Clear
Odor	None
pH	12±
Flash Point	None
Flammability	None
Toxicity	None
Pollutant	None
Hazardous vapors	None
Spill cleanup	Dilute/flush using water
Environmental Impact	None/neutral
User-friendly	Yes
Abrasion resistance	Excellent
VOC/VOS compliant	Yes

MIXING INSTRUCTIONS

AQUORON® MGS™ is added to mix water at the rate of 2.5 fluid ounces of **MGS**™ per gallon of potable water or 10 fluid ounces per 100 pounds of cement. **MGS**™ must be added to the water and thoroughly, mechanically mixed prior to the addition of Portland cement and fine aggregate. Do not use with Polymers or other additives.

SHELF LIFE

Shelf life is indefinite provided **MGS** is kept tightly sealed in original containers when not in use.

PACKAGING

AQUORON® MGS™ is available in:

- 5 gallon/18.9 liters
- 4-pack (4-1 gallon containers with measuring scoop)
- 55 gallon/208.2 liters drum size
- Bulk containers

TECHNICAL SERVICES

Technical information and assistance may be obtained from your local dealer, or by calling the technical department of the **AQUORON**® Aquatics Division at 1-800-342-4649.

E-mail: aquaticsdivision@aquoron.com

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LIMITED WARRANTIES

AQUORON products effectively address problems caused by moisture intrusion when properly applied by Aquoron Trained Key Applicators. Aquoron will warrant its products, as stated and provided with each Aquoron product, to be effective against water intrusion for a warranty period of one-year. Two-year warranties are available if a warranty application is completed and approved before product application. THE FOLLOWING LIMITATIONS APPLY TO THE AQUORON PRODUCT WARRANTIES:

- ALL PRODUCTS SHALL BE APPLIED BY AQUORON TRAINED KEY APPLICATORS IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS FOR THE WARRANTY TO BE EFFECTIVE.
- ALL WARRANTY REMEDIES ARE LIMITED TO REFUND OF THE PURCHASE PRICE FOR THE AMOUNT OF PRODUCT COVERING THE AFFECTED AREA.
- MECHANICALLY RELATED MOISTURE MIGRATION IS SPECIFICALLY EXCLUDED FROM ANY AQUORON WARRANTY
- ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES FOR FITNESS FOR USE OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED, EXCLUDED AND WAIVED TO THE FULLEST EXTENT ALLOWED BY LAW.

For all Limited Warranty questions or for warranty service, contact Aquoron Headquarters at the numbers below.

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