

## How to Use

# ACID Magic®

The User Friendly Muriatic Acid!™\*

*\*ACID Magic should not be used to aid or effect any pool disinfectant product or other water modifier.*

## Cleaning Architectural Stone



*ACID Magic is the best way to clean and brighten architectural stone.*

**READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE PROCEEDING.**

### PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **Do not apply to dry stone.** Always wet stone prior to application, including any adjoining areas, in case of accidental spillage.
- Do not apply to new stone. Stone should be at least 90 days old at the time of treatment.
- **When diluting, ALWAYS add the ACID Magic to water, NOT water to the ACID Magic. This eliminates the potential of an unwanted reaction that may cause dangerous splashing to occur.**
- **Do not allow the stone to dry with ACID Magic solution on it.**
- Use caution when applying ACID Magic to avoid contact with other surfaces, such as wood or metal, as an unwanted reaction and discoloration of surfaces may occur.
- Avoid contact with vegetation. Excess solution should be diverted away from grass, trees and shrubs. Should accidental contact with vegetation occur, flush with large amounts of water.

### RECOMMENDATIONS:

- **Active ventilation is required** when working indoors.
- Prepare neutralization solution, found in Step 4, prior to cleaning stone.
- A stiff bristle broom can be used to scrub the surface.
- Make sure surface is clean. Remove all excess dirt and loose stone before beginning the process. ACID Magic will not remove sealers or paints.
- **For best results, do not clean stone when the temperature is below 41°F (5°C).**

### DILUTION:

**Start with a 1:4 dilution of ACID Magic to water. This dilution is obtained by adding 1 gallon ACID Magic to 4 gallons water in a plastic bucket.** This mixture will cover approximately 100 square feet (individual results may vary depending on conditions). If a stronger solution is needed, up to a 1:2 dilution of ACID Magic to water can be used.

### APPLICATION:

#### Step 1 - STONE PREPARATION:

- Inspect stone for sealants. This can be done by pouring a small amount of diluted ACID Magic and water solution on an inconspicuous area. A "bubbling and hissing" reaction should occur. If not, sand or strip the surface to remove sealant.
- Properly clean the surface.





#### **Step 2 - APPLICATION:**

- **Wet stone with water, but do not allow water to pool. Wet adjoining areas to prevent damage from accidental spillage.**
- Apply solution with a plastic sprinkling can or acid resistant sprayer and allow ACID Magic solution to dwell 5 - 10 minutes. If using a natural stiff bristle broom, apply and scrub vigorously.
- Do not allow ACID Magic solution to dry.

#### **Step 3 - RINSE and INSPECT:**

- **Rinse thoroughly.**
- Another application may be necessary if being done by hand. If so, ensure the stone is rinsed thoroughly between applications.

#### **Step 4 - FINAL RINSE: (OPTIONAL)**

- After the stone is properly cleaned, neutralize with either sodium bicarbonate (baking soda) or soda ash.
  - Soda ash neutralization solution: Dissolve 2 - 3 parts soda ash with 100 parts water.
  - Sodium bicarbonate neutralization solution (baking soda): Dissolve 3 - 4 parts baking soda with 100 parts water.
- Apply neutralization solution.
- Rinse and scrub thoroughly to remove all excess acid, neutralization solution and stone particles. High pressure washing of the area is recommended.
- **Rinse again with water and let dry.**
- Clean tools thoroughly with water.
- Allow 3 - 4 days before applying sealer or paint to newly cleaned surfaces.

**Notice: Provide active ventilation for several hours to allow stone to dry and avoid irritations from any possible fumes.**