

ACID Magic®

The **User Friendly** Muriatic Acid!™*



Tough on Rust, Calcium and Hard Water Stains

No Phosphates or Phosphorus containing ingredients

Up to 90% Less Fumes

Won't Burn Intact Skin

PRODUCT CLEANING GUIDE

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ACID Magic does not out-gas from container making it safer for storage!

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The **User Friendly** Muriatic Acid!™*



No Phosphates or Phosphorus Containing Ingredients!

ACID Magic is a full strength muriatic-based product formulated to ship, use and store easier than standard muriatic acid. This revolutionary blend of proprietary ingredients offers the cleaning and pH reduction of powerful acids while providing increased usability. This product offers the advantages of powerful acids while significantly improving the overall health and safety risk profile.

PRODUCT SPECIFICATIONS:

pH Concentrate: Less than one.
Shelf Life: 5 years.
Disposal: Dispose according to all local, state and federal regulations.

PRODUCT CAPABILITIES:

ACID Magic reduces noxious fumes by up to 90%. It will not burn intact skin or protein of the body. By reducing the risk of acid burns and toxic fumes, it allows for easier handling, transportation, and storage. Due to reduced fuming, there is less corrosion to metal structures, including storage areas, pool equipment, and filtration systems. ACID Magic is as effective upon oxides of metal when compared with standard muriatic acid.

DILUTION:

For general cleaning and etching, add 1 part ACID Magic to 4 parts water. Certain applications require weaker solution. Always check an inconspicuous area. For pH adjustment, consult a local pool and spa* professional for proper dosage. Use at the same rate as standard muriatic acid. Use caution when using on aluminum or metal plated products as damage may occur. For detailed instructions, visit AcidMagic.com.

USE PRECAUTIONS:

Contains hydrochloric acid. Keep out of sun and away from heat. May cause severe burns on contact with eyes and mucous membranes. Avoid possible vapors. **Always provide active ventilation when working with ACID Magic.** Use of an acid vapor respirator may be necessary in enclosed areas. Do not take internally. Keep container closed.

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

FOR specific technical and safety information, including SDS, please visit AcidMagic.com



FEATURES:

- Up to 90% less fumes than standard muriatic acid.
- Buffering agents prevent burns to intact skin.
- Clean and clarify like full strength 20° Baume, 31.45%, muriatic acid*.
- Use ACID Magic exactly as you would standard muriatic acid.

BENEFITS:

- Reduced fumes equal a better working environment. Also, less corrosion to storage areas, pump rooms and equipment.
- Quarts and gallons ship Limited Quantity.
- Eliminates the risk of burns to intact skin.
- Less fuming means less evaporation of acid into the air.
- ACID Magic has all the strength of standard muriatic acid, but with less harmful effects.

Description	Qty.	Order#
1 Quart Case	15	USA/32-1
1 Gallon Case	4	USA/128-1
5 Gallon Drum	1	USA/5G-1
15 Gallon Drum	1	USA/15G-1
30 Gallon Drum	1	USA/30G-1
55 Gallon Drum	1	USA/55G-1
275 Gallon Tote	1	USA/275G-1

Truckloads and totes by special order only. Gallon and quart cases ship via UPS and FedEx, and are classified Limited Quantity. ACID Magic will not burn intact skin, but proper eye and hand protection is required. Do not allow contact with mucous membranes (eye, nose, and mouth).



ACID Magic® **ADVANCED FORMULA**

USES:

POOL AND SPA:

- Tested safe in all heated/unheated pools.
- Certified by NSF to NSF/ANSI Standard 50: Equipment for pools, spas, hot tubs and other recreational water facilities.
- Adjusts pool and spa water chemistry.
- Extremely effective acid wash.
- Cleans filters, salt cells, chlorine generators and meter electrodes.
- Removes rust, scale, mineral deposits
- Removes stains from glass, tile, porcelain surfaces in showers, locker rooms and restrooms.

CONCRETE, MASONRY & PAINT PREPARATION:

- Use to etch concrete in preparation for painting or epoxy coating.
- Removes efflorescence from masonry.
- Cleans excess mortar from brick and cinder block.
- Removes rust, scale, mineral build-up and stains.
- Cleans stone and grout, brightens walkways, patios and driveways and cleans efflorescence.

DRINKING WATER TREATMENT:

- Certified by NSF to NSF/ANSI Standard 60 for use as a drinking water treatment chemical.
- Corrosion and scale control.
- Descaler.
- Use for pH adjustment, corrosion and scale control and as a cleaning agent for water treatment lines.

FOOD/BEVERAGE:

- Certified NSF Category A3 and Certified Kosher.
- Use in acid baths/washes.
- Cleans lines, vats, tanks, etc.

GENERAL MAINTENANCE:

- Cleans tile and porcelain in restrooms and locker rooms.
- Removes calcium and other mineral stains from water heaters, cooling towers, tubs, toilets and showers.
- Removes rust, mildew stains, scale and mineral build-up.
- Excellent as an acid wash and effective filter cleaner.
- Removes mineral buildup from water fountains.
- ACID Magic has many other uses, too!



For more information, please visit our site:

- Product Profile
- SDS
- FAQ's
- How To Use
- Videos

AcidMagic.com



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ACID WASHING POOLS & CONCRETE

ACID Magic's unique chemical blend not only provides substantial fume and chemical burn reduction, but also works extra hard to remove pool stains and can produce better results than traditional muriatic acid.



DILUTION:

Begin by diluting ACID Magic 1:2 to water. This dilution is obtained by adding 1 gallon ACID Magic to 2 gallons water.

Expect coverage of approximately 100 - 300 square feet per gallon of solution, depending on the depth and condition of the pool (individual results may vary depending on conditions).

Should a stronger solution be desired (or necessary), add more ACID Magic to the water, up to full strength.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- ACID Magic is a hydrochloric/muriatic acid (HCl) based product, and is not recommended for all pool liners. Consult your pool liner manufacturer for compatibility.
- **Do not apply ACID Magic to dry plaster, concrete or other pool surfaces.** Always wet surface prior to application, including adjoining areas, in case of accidental spillage.
- **Do not allow the surface 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 unwanted reaction and discoloration of surfaces may occur.
- While acid washing is a great way to clean and brighten pools, occurrence should be limited to once per season unless necessary. Excessive acid washing can weaken the pool wall, as it "etches" away the plaster.
- **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.**
- Discharge permit may be necessary. Dispose of ACID Magic according to all local, state, and federal regulations.



APPLICATION:

1. Before beginning acid wash, wash pool with TSP (trisodium phosphate solution) to remove oil residues, following manufacturer's directions.
2. Work in small areas, beginning in the shallow end of the pool. Complete process in one area before moving to the next.
3. Apply ACID Magic solution with a sprinkling can or low pressure acid resistant sprayer. A mop may be used for application to pool walls. Use caution to avoid splashing of the solution.
4. Apply ACID Magic solution to pool surface liberally. Lightly scrub with a natural, soft bristle brush as needed.
5. Allow to dwell 2 - 4 minutes or until clean. Dwell time should depend on desired degree of cleaning. If "etching" is desired, a good way to determine if the plaster has been properly etched is to apply water to the surface. If the water is quickly absorbed into the plaster, it is etched. If the water pools or remains on the surface, another application is needed. Because of irregularities in plaster, some areas of the pool's surface may require a second application.
6. Rinse thoroughly after each application.
7. After the pool is acid washed, rinse the pool surface again with water.
8. Neutralize the pool surface and wastewater by dissolving 2 - 3 oz. TSP (trisodium phosphate solution) or soda ash to 1 gallon water. Scrub the surfaces of the pool and rinse again. Failing to neutralize the acid can cause pool pH to be low once the pool is filled again. Also, discharging large amounts of acidic, unneutralized water can be harmful to the environment and may violate local, state, and federal regulations.
9. Rinse and drain pool thoroughly once again with clean water before filling.
10. Clean tools thoroughly with water.





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ETCHING CONCRETE

ACID Magic is the best way to etch concrete and prepare for painting.



DILUTION:

Begin by diluting ACID Magic 1:4 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.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **Do not apply to dry concrete.** Always wet concrete prior to application, including any adjoining areas, in case of accidental spillage.
- Do not apply to new concrete. Concrete 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 concrete 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.
- After completion, do not walk on concrete for 3 - 4 days and wait 7 - 10 days before driving on newly etched concrete. Drying time depends on humidity in your area.

RECOMMENDATIONS:

- **Active ventilation is required** when working indoors.
- Concrete etching is usually a two person job.
- Prepare neutralization solution, found in Step 4, prior to etching concrete.
- A machine buffer is recommended, however a natural, stiff bristle broom can be used to scrub the surface.
- Make sure surface is clean. Remove all excess dirt and loose concrete before beginning the process. ACID Magic will not remove sealers or paints. These substances must be removed by sanding the surface or by using a concrete paint stripper or remover.
- **For best results, do not etch concrete when the temperature is below 41°F (5°C).**

APPLICATION:

STEP 1 - FLOOR PREPARATION:

- Inspect concrete 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. Remove any loose concrete, then remove oil stains. Use water to remove following application.

STEP 2 - APPLICATION:

- **Wet concrete 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 machine buffer, scrub area until etched. 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.**
- Concrete should be rough to the touch when properly etched and will feel similar to 80 grit sand paper.
- Another application may be necessary if being done by hand. If so, ensure the concrete is rinsed thoroughly between applications.



STEP 4 - FINAL RINSE:

- After the concrete is properly etched, neutralize with either sodium bicarbonate (baking soda) or soda ash.
 - **Sodium bicarbonate neutralization solution (baking soda):** Dissolve 3 - 4 parts baking soda with 100 parts water.
 - **Soda ash neutralization solution:** Dissolve 2 - 3 parts soda ash with 100 parts water.
- Apply neutralization solution.
- Rinse and scrub thoroughly to remove all excess acid, neutralization solution and concrete particles. High pressure washing of the area is recommended.
- **Rinse again with water.**
- Use of a floor squeegee or wet vacuum is recommended to remove any remaining excess liquid.
- Vigorously sweep area once dry to remove any left behind salts. A mineral/salt remover can be used if excess salts remain.
- After completion, do not walk on concrete for 3 - 4 days and wait 7 - 10 days before driving on newly etched concrete. Drying time depends on humidity in your area.
- Clean tools thoroughly with water.
- Allow 3 - 4 days before applying sealer or paint to newly etched surfaces.

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



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ADJUSTING POOL AND SPA CHEMISTRY*

Adjusting pool and spa chemistry* is essential for maintaining a healthy swimming environment. Follow this general guide to achieve and maintain the proper water chemistry in your pool or spa. The water chemistry should be tested and adjusted regularly to maintain safe levels.



GENERAL pH INFORMATION:

pH is the single most important factor in swimming pool water. This affects every chemical balance in pool water. pH indicates the relative acidity or alkalinity of water. pH is measured on a scale of 0 (high acidity) to 14 (high alkalinity). Neither extreme of this scale is safe to plant or animal life and may cause burns. While ACID Magic's pH is well below 1, it has been modified to prevent chemical burns to intact skin.

The optimal pH range is a slightly alkaline pH of 7.2 to 7.8. pH levels above 8.0 may inhibit bather comfort, causing rash and irritation upon skin contact and eye contact, and may cause minerals to fall out of solution, making water cloudy. ACID Magic should not be used to aid or effect any pool disinfectant product or other water modifier.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- ACID Magic is a hydrochloric/muriatic acid (HCl) based product, and is not recommended for all pool liners. Consult your pool liner manufacturer for compatibility.
- **Active ventilation is required** when working indoors.

POOL AND SPA WATER CHEMISTRY ADJUSTMENT:*

- pH must be maintained between 7.2 and 7.8. The most desirable level for pH is between 7.4 and 7.6. Test pools and spas regularly to maintain proper levels.*

The pH is lowered by adding ACID Magic. Carefully add ACID Magic at the deep end of the pool and avoid pouring ACID Magic near pool walls or fittings.

- Source water alkalinity can vary from region to region.
- Run acid demand test to determine appropriate amount of ACID Magic to add to pool water to reach desired level.
- Consult your pool and spa service professional with questions regarding pH adjustment in your area.
- ACID Magic is certified by NSF to NSF/ANSI Standard 60 for use as a drinking water treatment chemical.
- **Raising pH** - Consult your pool system specifications and utilize the recommended chemical to raise the pH.



ADJUSTMENT OF TOTAL ALKALINITY (TA):

- Total alkalinity is a measure of water's resistance to change in pH. Expressed in parts per million (ppm), total alkalinity is the result of alkaline materials including carbonates, bicarbonates and hydroxides. This acid neutralizing capacity of water is desirable because it helps prevent wide variations in pH whenever small amounts of acid or alkali are added to the pool.
- **Total alkalinity should be maintained in the range of 60 to 180 ppm.**
- **If total alkalinity is too low** - pH changes rapidly when chemicals or impurities enter the water. When this occurs pH may drop rapidly, causing etching and corrosion. It can also cause the pH to rise quickly which can cause the water to cloud.
- **If total alkalinity is too high** - pH becomes difficult to adjust. A high pH level can lead to other problems such as cloudy water, scale formation, and filter problems.
- **Lowering total alkalinity** - Total alkalinity can be lowered by adding ACID Magic. Because of regional source water differences, contact your local pool and spa service professional for recommendations on proper dosage.
- **Raising total alkalinity** - Consult your pool system specifications and utilize the recommended chemical to raise the total alkalinity.



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REMOVING EFFLORESCENCE ON MASONRY AND GENERAL MASONRY CLEANING

ACID Magic is the best way to remove efflorescence caused by alkali mineral deposits, as well as for general masonry cleaning and restoration.



DILUTION:

Dilute ACID Magic between 1:2 and 1:6 with water, depending on desired strength. Combine and mix solution of ACID Magic and water in a plastic bucket.

This mixture will cover anywhere from 50 - 200 square feet, depending on dilution (individual results may vary depending on conditions).

Desired strength of solution will depend on intended purpose. Use a stronger dilution for removal of excess mortar. Use a weaker dilution to remove efflorescence and for general masonry cleaning.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **Do not apply to dry brick or stone. Failure to wet brick prior to application may cause discoloration.** Always wet masonry and concrete prior to application, including any adjoining areas, in case of accidental spillage or overspray.
- **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.**
- For best results when removing excess mortar, a treatment with ACID Magic should occur within 2 - 20 days of completion of masonry work.
- **Do not allow the masonry to dry with 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.
- Make sure surface is clean and free of paint or grease.
- Remove all excess dirt and loose particles before beginning the process.

APPLICATION:

STEP 1 - SURFACE PREPARATION:

- Inspect masonry for sealants. This can be done by pouring a small amount of diluted ACID Magic and water solution in an inconspicuous area. A “bubbling and hissing” reaction should occur. If not, sand the surface to remove sealant.
- Properly clean the surface. Remove any loose mortar or concrete, then remove any oil stains. Use water to remove following application.

STEP 2 - APPLICATION:

- **Wet surface 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. Lightly scrub the surface with a **natural**, stiff bristle broom and allow the ACID Magic solution to dwell no more than 5 minutes, less if visible lifting of minerals is present.
- Do not allow ACID Magic solution to dry on masonry.

STEP 3 - RINSE AND INSPECT:

- Rinse thoroughly to remove any salts left behind from acid reaction.
- Another application may be necessary. If so, ensure the masonry is rinsed thoroughly between applications.
- Use of floor squeegee or wet/dry vacuum is recommended to remove any remaining deposits and /or excess water.
- Clean tools thoroughly with water.
- Allow 3 - 4 days drying time before applying any sealer or paint to surface.

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



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CLEANING ARCHITECTURAL STONE

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



DILUTION:

Begin by diluting ACID Magic 1:4 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.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **Do not apply to dry concrete.** Always wet concrete prior to application, including any adjoining areas, in case of accidental spillage.
- Do not apply to new concrete. Concrete 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 concrete 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).**

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 in an inconspicuous area. A “bubbling and hissing” reaction should occur. If not, sand 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. Lightly scrub the surface with a **natural**, stiff bristle broom and allow the ACID Magic solution to dwell no more than 5 minutes. If using a natural stiff bristle broom, apply and scrub vigorously.
- Do not allow ACID Magic solution to dry on masonry.

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.
- **Sodium bicarbonate neutralization solution (baking soda):** Dissolve 3 - 4 parts baking soda with 100 parts water.
- **Soda ash neutralization solution:** Dissolve 2 - 3 parts soda ash 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.



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REDI-MIX TRUCK AND TOOL CLEANING

ACID Magic is the best way to remove stubborn rust, hard water and mineral deposits from a variety of surfaces. It can be used to remove calcium and other stains that build-up on steel and iron parts, most plastics, painted block and metal, and other non-porous, non-metal surfaces.



DILUTION & APPLICATION:

MIXER EXTERIOR:

Spray or brush on with natural bristle brush, let dwell for 5 minutes, agitate, and rinse. Repeat as necessary.

- New, reconditioned, or well maintained trucks:
Dilute 1 part ACID Magic to 6 parts water
- Moderate concretions and regularly washed trucks:
Dilute 1 part ACID Magic to 4 parts water
- Heavy build-up and seldom washed trucks:
Dilute 1 part ACID Magic to 2 parts water
- Extra heavy build-up and rarely washed trucks:
Dilute 1 part ACID Magic to 1 part water

MIXER INTERIOR:

Apply a generous amount of solution into the mixer. Allow mixer to clean itself by running and agitating concretion. Flush with plenty of water. Repeat as necessary.

- Dilute 1 part ACID Magic to 10 parts water.

TOOLS & MACHINERY:

Let dwell between 30-40 minutes. Rinse tool with water. Seal the tool with a lubricating metal protecting agent to prevent corrosion.

- Variable dilution 1:10 up to 1:1, the dilution depends on the amount of rust, plaster, or concrete on the tool.
- For heavier rust or concretion, use 1:1 to maximize effectiveness.



PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **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 apply to dry surfaces.** Always wet surfaces prior to application, including adjoining areas, in case of accidental spillage.
- **Do not allow the surface to dry with ACID Magic solution on it.**
- 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.
- Discharge permit may be necessary. Dispose of ACID Magic according to all local, state and federal regulations.
- Test surface to be cleaned with various dilutions for safety and effectiveness.



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CLEANING TILE, TOILETS AND TUBS

ACID Magic is the best way to remove stubborn mineral deposits from porcelain and tile. It can be used to remove calcium and other stain build-up on tile, sinks, tubs, toilets and other non-porous, non-metal surfaces.



DILUTION & APPLICATION:

FOR GENERAL CLEANING:

Dilute 1 part ACID Magic to 4 parts water.

APPLICATION:

- Prepare a baking soda solution prior to application. Baking soda solution can be obtained by dissolving 2 - 4 parts sodium bicarbonate (baking soda) to 100 parts water.
- Wearing gloves, apply with acid resistant spray bottle or sponge. Lightly scrub surface with soft bristle brush or scouring pad. Rinse thoroughly with water. If second application is needed, repeat and rinse.
- **Rinse again with water.**
- Apply baking soda solution to surface to neutralize any remaining acid. Scrub with scouring pad.
- Flush thoroughly with water.

FOR TOILETS & URINALS:

TOILET BOWLS: Simply add 6 - 8 ounces of ACID Magic to water in toilet bowl. Swish solution around in bowl with toilet brush, lightly scrubbing sides and under toilet rim to remove stains. Allow solution to sit in bowl for 3 - 5 minutes, then flush to rinse. Repeat if necessary to remove especially tough stains.

URINALS: Remove strainer. Apply 6 - 8 ounces at top of urinal around water outlets using acid resistant spray bottle or sponge. Allow to sit for 5 minutes before continuing. Wearing gloves, gently scrub surface with **natural**, soft bristle brush or scouring pad. Flush to rinse. Tougher stains may require repeat application.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **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 apply to dry surfaces.** Always wet surface prior to application, including any adjoining areas, in case of accidental spillage or overspray.
- **Do not allow the surface 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 could occur.



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GENERAL CLEANING

ACID Magic is the best way to remove stubborn rust, hard water and mineral deposits from a variety of surfaces. It can be used to remove calcium and scum build-up on steel and iron parts, most plastics, painted block and metal, and other non-porous, non-metal surfaces.



DILUTION & APPLICATION:

Dilute 1 part ACID Magic to 4 parts water.

APPLICATION:

- Prepare a baking soda solution prior to application. Baking soda solution can be obtained by dissolving 2 - 4 parts sodium bicarbonate (baking soda) to 100 parts water.
- Wearing gloves, apply with acid resistant spray bottle or sponge. Lightly scrub surface with natural, soft bristle brush or scouring pad. Rinse thoroughly with water. If another application is needed, repeat and rinse.
- **Rinse again with water.**
- Apply baking soda solution to surface to neutralize any remaining acid. Scrub with scouring pad.
- Flush thoroughly with water.
- Repeat as necessary.

PRECAUTIONS:

- While using ACID Magic, protective eyewear and gloves are always required.
- **Active ventilation is required** when working indoors.
- **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 apply to dry surfaces.** Always wet surface prior to application, including any adjoining areas, in case of accidental spillage or overspray.
- **Do not allow the surface 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 could 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.
- Dispose of ACID Magic according to all local, state, and federal regulations.

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