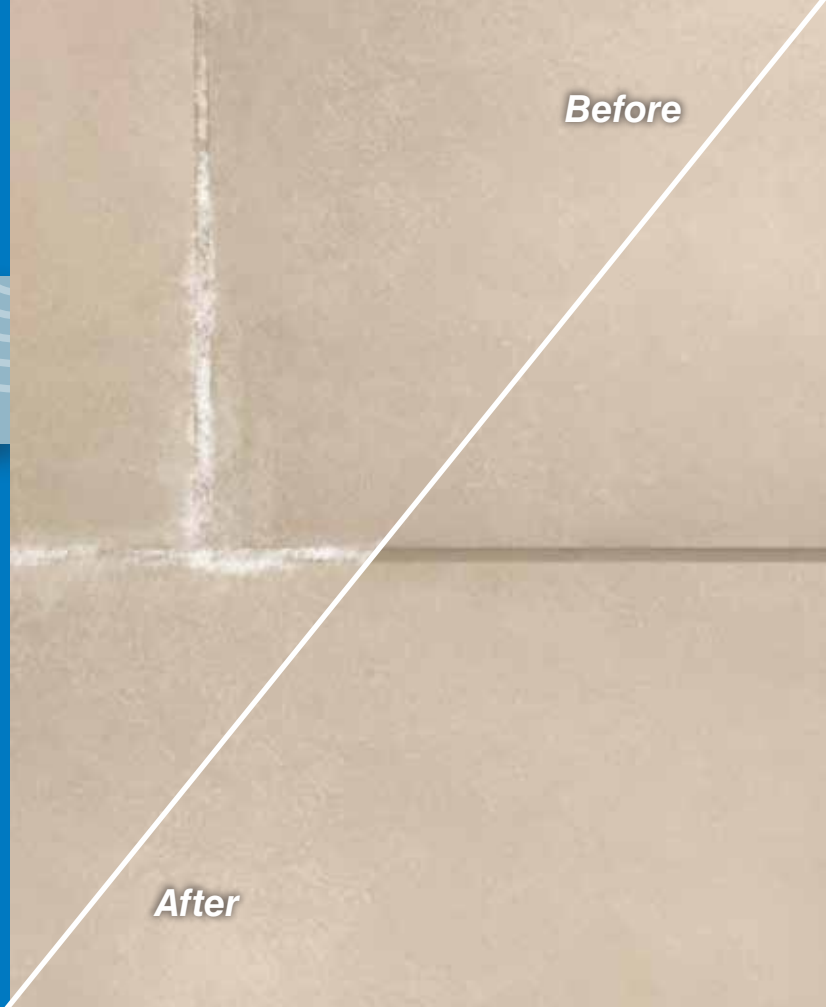




UltraCare™

Sulfamic Acid Crystals



DESCRIPTION

UltraCare Sulfamic Acid Crystals is a granular powder that dissolves in water and produces a cleaner and problem-solver for nonporous, acid-resistant tile and natural stone. It removes cured cement grout haze, mortar residue, rust stains and mineral deposits such as efflorescence.

FEATURES AND BENEFITS

- Removes cement grout stains and mortar haze film residue
- Removes efflorescence, rust stains and other mineral deposits
- For interior and exterior applications
- Fast-acting and easy to use

INDUSTRY STANDARDS AND APPROVALS

- Meets ANSI A108.02 requirements
- Meets National Tile Contractors Association (NTCA) Technical Bulletin A-7 requirements
- Meets Materials and Methods Standards Association (MMSA) Bulletin #6 requirements

LEED v4 Points Contribution

LEED Points

Health Product Declaration (HPD)*Up to 2 points
IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants 1 point

** Using this product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.*

Additional Green Certifications

- Living Building Challenge (LBC) Red List Free: This product has been verified per the most current Red List on the LBC's Website.

WHERE TO USE

- Interior/exterior commercial, residential, institutional and industrial applications

LIMITATIONS

- *UltraCare* Sulfamic Acid Crystals may slightly affect the visual appearance of some natural stone. Always test the product first in a mockup.
- *UltraCare* Sulfamic Acid Crystals can possibly etch, lighten or change the color of cementitious grout and some natural stone such as marble, travertine and limestone.
- Do not use on acid-sensitive surfaces.
- Not recommended for use on highly porous tile and natural stone
- Ensure that *UltraCare* Sulfamic Acid Crystals does not come in contact with any non-recommended surfaces.
- Wait 7 days after grouting to apply this product on the surface of tile and grout.
- Do not use *UltraCare* Sulfamic Acid Crystals with other cleaners.

SUITABLE SUBSTRATES

- Acid-resistant materials including natural stone (such as granite and slate), ceramic, porcelain, quarry, sealed Saltillo tile, terra cotta, brick, concrete, masonry surfaces and cement-based grout and mortar

Consult MAPEI's Technical Services Department for application recommendations regarding surfaces and conditions not listed.

SURFACE PREPARATION

- Surface and ambient temperatures should be between 50°F and 80°F (10°C and 26°C).
- Ensure that the installation area is well ventilated during application.



- Sweep, vacuum or wipe the surface. Pre-wet surface with clean water before applying.

See MAPEI's "Surface Preparation Requirements" document in the Reference & Installation Guides section of the Tile & Stone Installation Systems page on MAPEI's Website.

MIXING

Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet for details.

- For light to moderate cleaning, use a 1/4 to 1/2 U.S. cup (59,1 to 118 mL) or 2.6 to 5.3 U.S. oz. (74 to 150 g) of *UltraCare* Sulfamic Acid Crystals per 1 U.S. gal. (3,79 L) of water.
- For heavy cleaning, use a 1/2 to 3/4 U.S. cup (118 to 177 mL) or 5.3 to 7.9 U.S. oz. (150 to 224 g) of *UltraCare* Sulfamic Acid Crystals per 1 U.S. gal. (3,79 L) of water.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- Work in a small, manageable area of about 15 sq. ft. (1,39 m²).
- Apply directly onto the tiles and grout lines using a sponge or cotton cloth.
- Allow *UltraCare* Sulfamic Acid Crystals to sit on the surface for 1 to 2 minutes before scrubbing. Do not let the product dry on the surface, adding water if necessary to keep the surface wet until scrubbing can be performed.
- Rinse the application area with clean water and remove all excess cleaning solution using a terrycloth towel or a sponge.
- If efflorescence can still be seen after the surface has dried, another product application is recommended. Repeat the steps above.

FINAL CLEANUP

- After *UltraCare* Sulfamic Acid Crystals is removed during the cleaning process detailed above, perform a final cleaning on small areas using *UltraCare* Everyday Stone, Tile & Grout Cleaner, and on larger areas using *UltraCare* Concentrated Tile & Grout Cleaner.

Product Performance Properties

Physical Characteristics (for a 1% solution)	Results
Density	1.0 g per cc
pH	1.18
VOCs	0 g per L

Shelf Life and Product Characteristics (before mixing)

Shelf life	5 years when stored in original, unopened packaging at 73°F (23°C). Freeze/thaw stable.
Physical state	Granular
Color	White
Storage temperature range	35°F to 90°F (2°C to 32°C)

Packaging

Size
Plastic jar: 1 lb. (454 g)

Approximate Coverage* per 1 U.S. gal. (3,79 L) of 1% solution

Coverage
300 to 500 sq. ft. (27,9 to 46,5 m ²)

* Coverage will be affected by the type of stone or tile used, as well as the surface porosity and texture.

Refer to the SDS for specific data related to health and safety as well as product handling.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at

www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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