

Technical Data Sheet

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- Properties:** AKEMI® Rust Remover Marble is an aqueous, slightly alkaline cleaning agent ready-to-use. Converted rust can be removed with clear water. The surfactants contained are easily biodegradable according to current OECD legislation (certified by an external German testing institute).
- Application Area:** AKEMI® Rust Remover Marble is best suited for removing superficial rust stains produced by ferrous substances or objects (fertilizers, tools, iron parts etc.) on natural and artificial stone or concrete ashlar being sensitive to acids. AKEMI® Rust Remover Marble is ideal for polished marble or lime stone surfaces already laid or ready to be laid.
- Instructions for Use:**
1. Ideal temperature of application is 15 - 25°C.
 2. Apply undiluted and saturated to the dry surface to be treated.
 3. Allow the product to work for 5 - 10 minutes.
 4. If necessary, support the cleaning process mechanically with a brush or a scrubber.
 5. Rinse thoroughly with clear water.
 6. Repeat process in case of stubborn rust stains.
 7. After the stone has been successfully treated, it is recommended to protect it with either AKEMI® Stone Impregnation or AKEMI® Stain Repellent products in order to prevent watery substances from penetrating into the stone as an additional measure against formation of new rust.
- Special Notes:**
- For professional use only.
 - Before starting we recommend to prepare a sample area in order to evaluate the cleaning power and appearance (change in colour) of the treated object.
 - Immanent rust stains cannot be removed.
 - Do not allow drying of the product; otherwise, clean surface with plenty of water and AKEMI® Stone Cleaner.
 - Do not allow the product to react for more than 10 minutes (danger of stain forming).
 - Higher temperatures shorten, lower temperatures lengthen the exposure time.
 - A violet staining develops in the beginning, yet, it clears away after some time (approx. 1 - 2 days).
 - Permanent violet staining caused by AKEMI® Rust Remover Marble can be removed with a 5% hydrogen peroxide solution.
 - Provide sufficient ventilation when using the product indoors.
 - Do not bring in direct contact with plants, otherwise rinse with plenty of water. Do not bring into plantations.
 - For proper waste disposal, the container must be completely emptied.
 - Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.
- Technical Data:**
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| Colour: | clear, slightly violet |
| Density: | approx. 1.10 g/cm ³ |
| pH value: | approx. 9 |
- Storage:** If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production.
- Health & Safety:** Read Safety Data Sheet before handling or using this product.

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Important Notice:

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.