Technical Data Sheet

Properties:

AKEMI® Rust Remover Paste is a gel-like cleaning agent based on inorganic acids with non-ionic tensides and rust inhibitors. The product is free from hydrochloric acids. The tensides contained are biodegradable in correspondence with the legal regulations for tensides (test method OECD 301 B).

Application Area:

AKEMI® Rust Remover is suitable for removing surface rust stains as well as rust stains caused by indwelling rust on acid-resistant natural and artificial stone. Occlusions in natural stone (granite, gneiss) which cause the rust are enveloped thus inhibiting the formation of new rust. On account of its gel-like consistency AKEMI® Rust Remover Paste is ideal for vertical surfaces such as façades and wall coverings. The use of AKEMI® Rust Remover in liquid form is recommended for floor coverings.

Instructions for Use:

1. Apply undiluted with a solid brush or spatula to the absolutely dry stone surface. To avoid new rusting on untreated surfaces and changes in colour, apply to the complete stone surface.
2. Allow the product to work for up to 24 hours.
3. Avoid drying of treated surfaces, it is recommended to cover them with a plastic film.
4. Rinse thoroughly with water until any excess of the product has been taken off.
5. Repeat process on dry stone if necessary.
6. 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 new rust.

Special Notes:

- For professional use only.
- AKEMI® Rust Remover Paste damages calcareous stone and must therefore in no case be applied on polished marble, limestone, terrazzo, eloxal and enamel. If in doubt, test on an inconspicuous area.
- Before starting we recommend to prepare a sample area in order to evaluate the cleaning power and appearance of the treated object and to ascertain the material consumption as exactly as possible.
- Do not allow contact with plants, otherwise rinse immediately with water. Concentrated and diluted solutions must not be emptied in plantations.
- If the product is given a particularly long time to work, it may cause a slight darkening of the colour of some types of stone. This usually disappears if it is washed intensively several times using a lot of water with AKEMI® Stone Cleaner added to it.
- 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:

Coverage:	approx. 0.25 - 0.5 m²/liter
Colour:	milky yellow
Density:	approx. 1.27 g/cm³
pH value:	< 1

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Storage:	If stored in dry and cool condition (5-25°C/41-77F) in its closed original container at least 24 months from production.
Health & Safety:	Read Safety Data Sheet before handling or using this product.
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.

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