

## Technical Instruction Sheet

page 1 of 1

**Characteristics:** AKEMI® Rust Remover is an intensive cleaning agent based on inorganic acids with non-ionic surfactants and rust inhibitors. The product is free from hydrochloric acids. The surfactants contained are biodegradable in correspondence with the legal regulations for surfactants.

**Field of Application:** AKEMI® Rust Remover is equally suitable for removing surface rust stains as well as rust stains caused by indwelling rust on acid-resistant natural and cast stone. Occlusions in natural stone (granite, gneiss) which cause the rust are enveloped thus inhibiting the formation of new rust. AKEMI® Rust Remover is ideal for floor coverings. The use of AKEMI® 's Rust Remover Paste in jelly-like form is recommended for vertical surfaces such as façades and wall 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 synthetic foil.
4. Rinse thoroughly with water until any excess of the product has been taken away.
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® 's Stone Impregnation or AKEMI® 's Stain Repellent in order to prevent watery substances from penetrating into the stone as an additional measure against new rust.

**Special Hints:**

- Rust Remover damages calcareous stones and must therefore in no case be applied on polished marble, limestone, terrazzo, eloxal and enamel. If in doubt, test on an inconspicuous area.
- Do not allow contact with plants, otherwise rinse immediately with water. Concentrated and diluted solutions must not be emptied in plantations.
- If the Rust Remover is given a particularly long time to take effect, it can 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® 's Stone Cleaner added to it.
- The product is registered at the Federal Environmental Protection Agency under the number 1257 0012.
- For adequate waste disposal container must be completely emptied.

**Safety Measures:** see EC Safety Data Sheet

**Technical Data:**

Coverage:	approx. 10-20 m <sup>2</sup> /litre (if applied purely)
Colour:	golden yellow
Density:	approx. 1.20 g/cm <sup>3</sup>
pH-value:	< 1
Shelf life:	3 years approx. if stored in cool place free from frost in its tightly closed original container.

**Notice:** The above information is based on the latest stage of technical progress. It is to be considered as a non-binding hint and does not release the user from a performance test, since application, processing and environmental influences are beyond our realm of control.

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