

**Technical Data Sheet**

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**Properties:** AKEMI® Rust & Dirt Remover is an intensive cleaning agent based on inorganic acids with non-ionic surfactants and corrosion inhibitors. The surfactants contained are biodegradable according to applicable legal regulations for surface-active chemicals.

The product features and benefits are as follows:

- free of hydrochloric acid
- good creeping properties
- removes rust, rust stains and flash rust
- removes stubborn dirt
- removes algae and lime deposits
- improves anti-corrosion properties and adhesion of subsequent coatings

**Application Area:** AKEMI® Rust & Dirt Remover is used in body shops, car workshops, car wash, shipyards, building yards, locksmith's shops etc. for reliable and effortless removal of corrosion, rust, flash rust and dirt from steel, iron, chrome, stainless steel, aluminium, coatings and tiles. Typical areas of application are derusting and cleaning of

- painted alloy wheels
- car bodies
- brake discs
- carburettors
- tanks, pipes and canisters
- hulls
- tools
- car wash tiles

**Instructions for use:** **Immersion bath:**

1. Objects to be derusted or cleaned must be free of oil and grease.
2. Immerse the object into AKEMI® Rust & Dirt Remover.
3. Depending on the degree of rusting or soiling it takes between 15 minutes up to 25 hours to dissolve rust or staining.

**Cleaning of floor and wall tiles:**

1. Spray on.
2. Allow to work for 15 to 20 minutes.
3. Rinse off with water.

**Tank rust removal:**

1. Pour AKEMI® Rust & Dirt Remover into the tank.
2. Shake the tank or stir the contents.
3. The reaction time depends on the degree of corrosion and will take from a few hours to overnight.
4. Empty the tank and rinse off with water several times and dry after treatment.
5. Leaves a grey phosphate passive film after curing.

**Special Notes:**

- For professional use only.
- Cannot be used on galvanized steel.
- 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.

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<b>Technical Data:</b>	Colour:	yellowish
	Density:	1.20 g/cm <sup>3</sup>
	pH-value:	< 1
	Consumption:	approx. 10 - 20 m <sup>2</sup> /liter (undiluted)
	VOC:	0 g/l

**Storage:** If stored in dry and cool condition (5 - 25°C/41 - 77°F) 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 trials of the product, in an inconspicuous area or fabrication of a sample piece.

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