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# ECOCLEAN



## ECOCLEAN ANTI RUST Rust and Lime Descaler

**Acid descaler in gel form, for rust and lime scale removal. Cleaner designed with biodegradable and environmentally friendly ingredients. Its formulation makes it a recommended product for cleaning surfaces affected by rust as a previous step to its protection with an anticorrosive coating.**

### Properties

- Ecological.
- Biodegradable.
- Highly effective in rust removal.
- Descaling and anti-limescale acid cleaner.
- Free of hydrochloric acid (sulfuric), biocides and surfactants.
- Conforms to Regulation (EC) No. 648/2004 of the European Parliament and of the Council, of 31 March 2004 on detergents

### Uses and application fields

ECOCLEAN ANTI RUST is especially indicated for the removal of rust on ferrous surfaces, as well as for the removal of lime, cement marks and grout. Especially recommended as a previous step to the protection with an anticorrosive primer.

ECOCLEAN ANTI RUST reacts with iron oxide to form an iron phosphate derivative, which temporarily passivates the metal against corrosion. To prevent the rust from rust reactivation, the metal surface should be protected immediately afterwards with a suitable anti-corrosion primer.

Due to its strongly acidic character, it acts as an effective descaler of lime and cement or grout marks.

Gel product, to facilitate its application on vertical surfaces and its action in depth.

For use in industry, construction and maintenance tasks in general.

### Consumption

Its consumption will depend on the method of application, type of surface and degree of oxidation:

- 3 - 5 m<sup>2</sup>/L approx.

### Technical data

- Appearance: Opalescent gel
- Density: 1,18 ± 0,02 g/cm<sup>3</sup>

## Characteristics

- pH:  $1 \pm 0.5$
- Diluent: Water

## Application

- EOCLEAN ANTI RUST is a concentrated cleaner based on phosphoric acid, free of surfactants, biocides and hydrochloric acid.
- Miscible in water

Protect all acid-sensitive surfaces with plastic sheeting beforehand to prevent staining or degradation by avoid staining or degradation by splashes.

Ready to use product. Apply with synthetic brush or airless (always in acid resistant equipment). Leave to act for 15 minutes and check if the degree of deoxidation is adequate, in case it is not, leave to act until reaching the desired degree. Then rinse with water to remove any remaining product and allow to dry. Once the surface is dry, we always recommend to clean and dry the deoxidized piece with a cloth impregnated with deoxidizer, repeating the operation just before painting with an anti-corrosive protector, which we recommend that this is done as soon as possible.

We recommend to always carry out a preliminary test in an inconspicuous area before using the product, in order to be able to detect any possible damage that has not been contemplated.

## Special precautions

Corrosive product. Always consult the safety data sheet. In case of contact with eyes, flush with plenty of water for 15 minutes and seek medical assistance. In case of contact with skin wash with soap and water. Never use solvents or thinners. Do not swallow. In case of ingestion do not induce vomiting and seek medical attention immediately.

It is recommended to comply with the following measures:

- Good ventilation.
- Use of mask with chemical absorbent.
- Protective goggles to avoid splashing.
- Rubber gloves.

Empty containers should be disposed of in accordance with the legal regulations in force. To prevent the product from drying or thickening, close the lid after each use. Product for professional use only. Keep out of reach of children.

## Packaging

Available in plastic containers of 1 and 5 liters.

## Tools cleaning

The tools are washed with water immediately after use, allowing the product to dry.

## Storage conditions

The product should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C in a dry and well-ventilated place, away from sources of heat and direct sunlight. The shelf life is 1 year from the date of manufacture, properly stored.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility user to take the appropriate measures in order to comply with the requirements established in the legislations. The following Safety Data Sheets are at the disposal of the professional.

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