

ProClean Rust 4E RUST REMOVER 4E

Rusted, oily, dirty iron and steel surfaces.

Description

ProClean Rust 4E has been developed as an advanced all-purpose surface cleaner designed for metal applications. The "4E" in its name represents its four key functions:

Rust Remove , Oil Remover, Scale Remover, Protective Film-Forming

Unlike conventional rust removers that strip rust completely and leave metal surfaces exposed, making them more prone to re-corrosion, ProClean Rust 4E is engineered with corrosion inhibitors. After effectively removing rust, limescale, and oil residues, the product forms a protective nano-film layer on the surface. This layer acts as a barrier against oxygen and moisture, preventing immediate re-rusting and safeguarding the metal until it is painted or coated.

Formulated with nanotechnology and enriched with organic cleaning agents, ProClean Rust 4E not only cleans but also enhances the appearance of metal surfaces, leaving them brighter, smoother, and contamination-free.

Directions For Use/Applications & Dosage Rates General Cleaning

ProClean Rust 4E should always be stored in a plastic container.

- To clean rusted and welded areas, apply a 50% solution directly to the cleaned surface.
- For brass and copper surfaces, use a 20–50% solution. After 15–40 minutes, rinse thoroughly with water.
- For aluminium surfaces, use a 10–30% solution and rinse within 5 minutes of application.
- To remove rust stains from painted surfaces, apply a 10–30% solution and rinse with water after 15–40 minutes.
- For ceramic materials, porcelain, and glass, use a 20–50% solution, leave it on the surface for 20–40 minutes, then rinse with water.
- To clean light cement or limescale deposits, apply a 50% solution. After 30–40 minutes, wash with pressurized water. For hardened cement residues, use ProHold Cement.
- To remove light rust from water pipes and tanks, circulate a 5–10% solution.
- For injection cleaning, use a 5% solution. Continue circulation or injection until rust is removed.

Important: In both circulation and injection methods, rinse all metal surfaces that come into contact with ProClean Rust 4E with water for 3–5 minutes after cleaning.

Acid-Based Cleaner

Summary

- In addition to its ProClean Rust properties, also removes oil and limescale.
- Prevents the surface to which it is applied from rusting again, with the film layer it forms.
- Does not require surface preparation before application.
- Saves labor and time.
- Compatible with other coating products and paint.

A) Organic Properties

Physical State (20°C): Liquid

Color : Red

Odor : Odorless

B) Physical Properties

pH (concentrated) : 1.2–2.0 (%1)

Explosion Limit : No

Flash Point : No

Density : 1.15–1.25 g/cm³

Solubility in Water : Soluble in all proportions.

Storage Conditions

Packaging Type : 25–30–200 liters sealed, plastic drum or barrel

Storage Period : 3 years

Approvals & Certificates



Product No

: SP-KS-074