

DESCRIPTION

RUST REMOVER 4E is designed as multi purpose surface cleaner. The 4E abbreviation refers to four effect of the product, which are rust remover, oil remover, scale remover and protective primer layer. Classic rust remover cleans the rust over metal surfaces till they reach the bare metal. Those surfaces cleaned with Rust removers are defenseless against rust and corrosion and if they are not treated with proper products they will surely be rusted again in a few days. **RUST REMOVER 4E** is build up with corrosion inhibitors, after it cleans oil, scale and rust from the metal surfaces it forms a protective primer layer, which blocks the contact of bare metal with oxygen and humidity. This protection prevents metal from rust in medium-term till it is coated with appropriate paint or other coatings.

RUST REMOVER 4E is designed with nano technology and organic chemicals which cleans the oily, and dirty surfaces over metal and shines it.

Product Name	: <u>RUST REMOVER 4E</u>
Document No	: SP-KS-074
Chemical Name	: Chemical Mixture.
Usage Area	: Rusted, Iron and Steel surfaces

A. ORGANIC PROPERTIES

Appearance

Physical Status (20°C)	: Liquid
Color	: Red
Odor	: Odorless

B. PHYSICAL PROPERTIES

pH (in conc)	: 1.2 - 2.0
Molecular Weight	: -
Flash Point	: -
Density	: 1,15-1,25 gr / cm ³ at 20 C ⁰
Solubility	: Soluble with water.

APPLICATION, FEATURES & BENEFITS

- ✓ Beside rust removing it also removes oil and scale.
- ✓ Provides a protective primer layer, which prevents metal from re rusting.
- ✓ Requires no surface preparation.
- ✓ Saves from time and labor
- ✓ Can be used together with paints and other coatings

STORAGE INFORMATION

Store at moderate temperatures. Packing: 25-30-210 L. sealed plastic drums or barrels. Storage Period: 3 years.

DIRECTIONS FOR USE/ APPLICATION RATES AND DOSAGE RATES

RUST REMOVER 4E must be always kept in plastic drums, pail or etc. For cleaning rusted or welded surfaces use 50% RUST REMOVER 4E and water solution. To remove stain or rust from brass and copper surfaces, use 20% - 50% RUST REMOVER 4E water solution and rinse it with water after 15 –40 minutes. On aluminum surfaces use 10% – 30% RUST REMOVER 4E water solution and wait for 5 minutes then rinse it with water. To remove rust from painted surfaces use 20% – 30% solution and rinse with water after 15 - 40 minutes. To remove rust remains from ceramic, porcelain and glass surfaces; use 20% - 50% RUST REMOVER 4E water solution for 20 – 40 minutes and rinse it with water. To remove light cement and lime use 50% solution and after 30 – 40 minutes rinse with water. To remove hardened cement, use Cement Remover. To remove the rust in the pipelines and tanks use: 5% - 10% RUST REMOVER 4E water solution and circulate. If you use injection method, use 5% RUST REMOVER 4E water solution. Both circulation and injection must continue until rust is removed. In both methods after cleaning finishes all metal surfaces contacted with RUST REMOVER 4E must be washed with water for 3-5 minutes.