

DESCRIPTION

“**RUST REMOVER**” is a liquid, acid based cleaning product for cleaning rust stains. It can be also used for cleaning deposits left from the caustic based cargos like caustic soda.

Product Name : **RUST REMOVER**
Document No : SP-KS-073
Chemical Name : Chemical Mixture
Usage Area : Rusty surfaces

A. ORGANIC PROPERTIES

Appearance

Physical Status (20°C) : Liquid
Color : Colorless
Odor : None

B. PHYSICAL PROPERTIES

pH : 1.2 – 2.0
Molecular Weight : -
Flash Point : -
Density : 1.18 – 1.28 gram / cm³
Solubility in Water : Completely

APPLICATION, FEATURES&BENEFITS

- ✓ Removes rust and rust stains over metal and non-metal surfaces.
- ✓ Cleans the white stains after offloading caustic based cargos like sodium hydroxide.
- ✓ Surface brightener.
- ✓ Cost effective, easy to apply and use.
- ✓ Non-flammable

STORAGE INFORMATION

Store at moderate temperatures, Packaging: 25-30-200 L. sealed plastic drums. Storage Period: 3 years.

DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

- ✓ Dilutions must be made in a plastic container. The acid should always be added to water, never the reverse.
- ✓ For a cargo tank cleaning agent, it can be used at the concentration of 5% to remove the stains after offloading caustic based cargos.
- ✓ To clean surfaces after welding or rusted surfaces use 50% Rust Remover-Water solution.
- ✓ To remove stain or rust from brass and copper surfaces use between 20 – 50 % solution and rinse it with water after 15 –40 minutes.
- ✓ On aluminum surfaces use 10 – 30% Rust Remover-Water solution and after 5 minutes rinse it with water.
- ✓ To remove rust from painted surfaces use 20 – 30% Rust Remover-Water solution and rinse with water after 15 - 40 minutes
- ✓ To remove rust remains from ceramic, porcelain and glass surfaces; use 20 – 50% Rust Remover-Water solution for 20-40 minutes and rinse it with water.
- ✓ To remove light cement and lime use 50% Rust Remover-Water solution and after 30 – 40 minutes rinse with water.
- ✓ To remove rust in the pipelines and tanks use 5% Rust Remover-Water solution and circulate. On the other hand, if you use injection method use 3-5% Rust Remover-Water solution. Both circulation and injection must continue until the rust is removed.
- ✓ Brushing is recommended for heavy rusty surfaces.