

# Rust Remover

## **GENERAL**

RUST REMOVER is a solution of acids for the cleaning and passivating of most metal. RUST REMOVER is also suitable for etching and degreasing of concrete floors, especially for preparing the area prior to painting.

## **FORMULATION**

RUST REMOVER is based on a blend of phosphoric acid and a selection of non-ionic surfactants, alcohol's and glycolethers.

## **PRODUCT DESCRIPTION**

TEST	UNIT	SPECIFICATIONS
Appearance		Clear yellow liquid
Density	g/cm <sup>3</sup>	1,10 - 1,15
Acidity	cm <sup>3</sup> 1N KOH/cm <sup>3</sup>	6,5 - 7.5
Flashpoint	°C	Nil

## **PROPERTIES**

- \* Degreases, etches and de-rusts in one process.
- \* Highly concentrated - dilutes up to 1:5.
- \* Economical - may be used repeatedly.
- \* Can be heated to obtain faster action.
- \* Also suitable for stainless steel and aluminium.
- \* Safe to use - no excessive fumes.
- \* Contains inhibitors to protect metal surfaces.

## **APPLICATION**

### **Metal treatment:**

Dilute RUST REMOVER up to 1:5.

The product can be used in a dip tank process or it can be brushed or sprayed onto the area to be treated. Allow time for the reaction and rinse well with water.

Apply a protective coating to prevent rusting.

**Directions of application** – Depending on the degree of rust or corrosion the product can be diluted as recommended above, the product can be sprayed or applied by brush to the surface to be cleaned. Reaction time of 5 – 20 minutes should be allowed. Rinse the derusted surface after each application. The higher the concentration of the product, the less contact time required. The product can be used in a dip tank process for a maximum duration of 30 minutes on a single application. Avoid soaking of inferior metals or alloys for long hours. Always rinse the treated surface after each application.

**Concrete treatment:**

For light degreasing/etching, dilute RUST REMOVER up to 1:3 with water.

Directions for application – Mix as mentioned above and pour the mixture into the surface to be cleaned or itched and allow 5 – 10 minutes contact time. Agitate using a hard broom, mop or any suitable material and rinse thoroughly with clean water using a pressure washer, hosepipe or buckets of water. Allow area to dry completely.

**NOTE:**

Protective clothing and equipment should be worn when working with RUST REMOVER.

**THE RECOMMENDATIONS CONTAINED HERE-IN ARE BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND ARE TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.**