



RXMARINE **INTERNATIONAL**

E-catalogue of RXSOL Product

*Product
e-catalogue*

RXSOL RUST REMOVER

What is Rust

Rust is a general term for a series of iron oxides. In colloquial usage, the term is applied to red oxides, formed by the reaction of iron and oxygen in the presence of water or air moisture. There are also other forms of rust, such as the result of the reaction of iron and chlorine in an environment deprived of oxygen such as rebar used in under water concrete pillars which generates green rust. Several forms of rust are distinguishable visually and by spectroscopy, and form under different circumstances. [1] Rust consists of, hydrated iron (III) oxides $Fe_2O_3 \cdot nH_2O$ and iron (III) oxide-hydroxide ($FeO(OH)$, $Fe(OH)_3$). Given sufficient time, oxygen, and water, any iron mass will eventually convert entirely to rust and disintegrate. Surface rust provides no protection to the underlying iron, unlike the formation of patina on copper surfaces.



Figure:1.1



Figure:1.2



Figure:1.3

How Rxsol Rust Remover Product Help To Remove Rust

Rxsol Rust Remover is very effective and well balanced products to remove rust from all kinds of surface. This is a well balanced blend of corrosion inhibitors and surface active highly emulsified acidic materials product for the cleaning of aluminium, copper and removal of rust stains on paint work.

- Cleans and brightens aluminium and copper.
- Removes rust stains without risk to paintwork.
- Safe on most common metals for Rust Removal &
- Passivation

Direction for use



Figure:1.4



Figure:1.5



Figure:1.6

For rust removal the surfaces to be treated should be free from loose materials, flaking paint, dirt or oil. In most cases diluted solution of RXSOL Rust Remover, can be applied by brush ranging from 10-50% and left to react for 5-40min then the residues should be rinsed off thoroughly with clean water jet. Smaller objects can be soaked in plastic container after cleaning rinse items thoroughly with a water jet.

For aluminium only diluted solution up to 10-25% can be used and rinse with in 10- 30 mins .

For stainless Steel Disc Cleaning (never use on copper brass or bronze parts), dilute to 4-10 parts water, and immerse from 1 - 3 hours depending on the severity of the job concerned. cleaning will be accelerated with elevate for the temperatures up to 60°C and agitation .after cleaning rinse thoroughly with clean water.

For best performance on aluminium use Rxsol Degreaser for degreasing as it has a neutral pH. Paintwork :

RXSOL Rust Remover should be diluted with water 1:4 . Then solution can be applied by brushing, spraying for 10-20 minutes the residues should be rinsed off thoroughly with high pressure water. on completion of degreasing cleaning operation if rust / scale (water) stains from metal surface use 10 to 50% of RXSOL Rust Remover with fresh water for 20-30 min

Appearance : Clear & Colourless Liquid
Specific gravity (200C) : 1.21
Flash point cc : None

R 34 : Causes burns.
S 26 : On contact with eyes Wash eye : ball immediately with plenty : of water and seek medical advice.

Note : Also can be used for Disc cleaning without dismantling disc stacks Improves efficiency of centrifuge installation.

RXSOL STAIN REMOVER



Figure:1.7



Figure:1.8

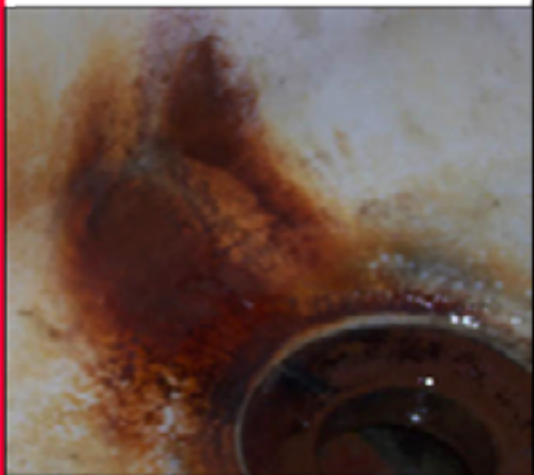


Figure:1.9

RXSOL STAIN REMOVER Specially designed for removal of rust from any steel surface area and rust stains from brass copper stainless steel aluminum wood and ceramic surfaces. also acts as a surface brightener In most cases RXSOL Stain remover is applied by brush full concentrated for heavy stains, or diluted with 10-50% with fresh water for light strains and left to react for 5-10 , minutes Smaller objects can be soaked in plastic container. after cleaning, rinse items thoroughly with a water jet Dilute RXSOL Stain Remover 1 liter of , product to 2-10 ltr. water, apply the solution by brush or spray using plastic equipment and leave to soak for 10-20 minutes . Rinse off using a powerful water jet with a brush, if necessary.

Don't Do That

Do not mix with other chemicals. the information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002 (CHIP 3). this data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health , ... (COSHH).

Note

It is a superior heavy duty and highly concentrated liquid blend of surfactants & organic compounds containing rust penetrating agents solubilizer and inhibitors acts as rust proofing agent before the application of paint & coatings It is non-flammable. Prevents further rusting. cleans and brightens aluminium and copper. Removes rust stains without risk to paintwork. Safe on most common metals

RXSOL RUSTOSOL



Figure:1.10

Rxsol Rustosol is also use to remove the rust from the parts of the metal . is specifically intended for treatment and reduction of corrosive & rust deposits formed on metal components . also known as the common name of the rust remover having a active metter 86-88% then that of the rust remover

RXSOL RUST CONVERTORL



Figure:1.11

RXSOL RUST CONVERTORL Single component rust neutralizing system giving excellent adhesion to subsequent painting materials on applying to metal surface it penetrates through and chemically reacts with the rust on the surfaces and forms a fine coherent film of protective coating on the surface which also serves as an excellent base for the primer . When a piece of iron is left exposed to ordinary moist air, it is found covered with reddish brown coating which can easily be detached & is called dust The process of formation of dust is called rusting. Exciting product treated for prevention of rusting by chemical coating

DIP CLEANING



Figure:1.12

Small parts may be dipped in an open bucket or tank-containing RXSOL Rust convertorl after dipping immediately removes the metals parts from bath. Finally wash the system with water on complete drying. Acid proof gloves should be worn during the operation

Features



Product Videos

Difficulty to use product watch the using procedure of product by using process videos tutorial

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