



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-18-1050-025

Anti Rust Chemical

RUST CONVERTOR (RXSOL-18-1050-025)

Introduction: 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. Existing product treated for prevention of rusting by chemical coating

Fields	Where useful metals react with environments and are lost usually as oxides. Materials worth billions of rupees are wasted due to corrosion of material every year. It is therefore essential for every one to understand the undergoing principles in order to check corrosion.
Composition	RXSOL-18-1050-025 is a solution of an inorganic acid containing phosphate of Iron & Zinc shaving with ortho phosphate, which produces an insoluble tenacious film on iron surface. It is miscible with water in all proportions.
Description	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.
Application, Dosage & Control	It is necessary chemically cleaned to remove old rust & scale deposits before treatment.
Dip Cleaning	Small parts may be dipped in an open bucket or tank containing RXSOL-18-1050-025 after dipping immediately removes the metal parts from bath. Finally wash the system with water on complete drying. Acid proof gloves should be worn during the operation.

Wiping Or Brushing: Large components may be wiped down with Rags, Sponges, or Brushes soaked in RXSOL-18-1050-025. Synthetic sponges & brushes should be checked for compatibility with RXSOL-18-1050-025 prior to use. And finally wash the system with water after 2-3 hours on black coating, in case where RXSOL-18-1050-025 dries leaving a coat of white sludge formation wipe out with a cloth and repeat the application then allow to dry. Again wash the system with water. The surface is now ready for primer.

Product Properties:

Appearance	Clear Colourless Liquid	
Density	g/cm ³ at 20°C >1.0	
Solubility	Water soluble	
Drying Time	1-2 HOURS	
Coverage	18-25 Sq. M/ Ltrs	
Packaging	RXSOL-18-1050-025	Size (in Ltrs) 25 Ltrs

Machanism : Rust is a secondary product & does not adhere to the surface. It therefore affords no protection for the metals surface. Instead it promotes further corrosion by excluding oxygen. By giving barrier film of chemical treatment, in between iron and atmospheric oxygen, Iron is protected from further rusting.

Characteristic:

- Not expected to burn
- Sandblasting not require
- Excellent bonding
- Extends durability and life of the paints
- Easy to apply & simple to control.
- Dries completely.
- 100% active.
- Formulated to be very cost effective.
- Maintains a protective insoluble tenacious film of iron phosphate.
- Can be used neat or diluted with fresh water.

Packaging, Handling, First Aid & Storage: RXSOL-18-1050-025 is normally supplied in drums containing 25 or 210 Liters. RXSOL-18-1050-025 is acidic. Contact may cause eye injury and skin irritation. Do not take internally and avoid contact with eyes & prolonged or repeated contact with the skin. Incase of contact wash affected skin with plenty of water. Flush eyes immediately with cupious amount of clean water for at least 15 min & obtain medical attention. Store RXSOL-18-1050-025 securely in dry area. Keep container closed when not in use. Recommended storage limit in unopened drums is 2 years.

Personal- Protection:

Occupational Exposure Limits	This product does not contain any ingredients, which has an established exposure limit.
Respiratory Protection	Not normally needed
Hand Protection	PVC Acid proof gloves.
Eye Protection	Chemicals splash goggles.
General Remarks	
Materials to Avoids	Acids, Alkalis, Organic materials, Reducing agents & Strong Oxidizing agents

****Read the Material Safety Data Sheet before using this product****

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