



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-16-1008-010

Descalex Powder

Rx-Safe acid (RXSOL-54-1008-025) Scale and Rust Remover (Powder)

Product Description: Economical , heavy duty **RXSOL-54-1008-025** is an advanced dry acid cleaner formulated with inorganic acid & corrosion inhibitor, wetting agents, antifoam agents indicator to remove rust and scale deposits from water boilers, diesel engine cooling systems, condensers, evaporators, heat exchangers, pipeline collection systems etc.

Procedure-of-use: The most effective descaling is accomplished by circulation. In the case of small components, the soak method in an immersion bath can be used. If the equipment to be cleaned is contaminated by oil, grease or sludge, then pre-cleaning with DEGREASER (RXSOL OB 1005) is necessary. Depending on the extent of scaling, use a solution of 2.5-10% RXSOL-54-1008-025 . The solution will have a red colour which changes to orange when 85% of the acid has been neutralized , & to colourless when the solution is totally neutralized. Whenever possible, the solution should be heated to 60°C. Neutralised solutions can be re-activated by adding more RXSOL-54-1008-025 until the red colour reappears. This should not be done more than twice. RXSOL-54-1008-025 should not be used on Aluminium , Zinc, Tin or Galvanized surfaces.

Fields: Descaling of Boilers, Descaling of Diesel Engine Cooling Systems, Condenser, Pipeline collection system, Evaporators, Calorifiers, Heat Exchangers, The strength of the acid can be enhanced by adding 1 part sodium chloride (common salt) to 20 parts of Descalex. If salt is not available, an acceptable alternative is to dissolve RXSOL-54-1008-025 in sea water. After use of RXSOL-54-1008-025 a 0.5% solution of Alkalinity Control in fresh water should be used for neutralization.

PRODUCT PROPERTIES :

Appearance	Reddish / Yellowish / white - Powder (without indicator)	
Density	1.2g/cm ³	
pH	(10 wt %):1.1	
Compatibility		
Metal	Avoid aluminium, zinc, tin and their alloys. Avoid galvanised surfaces	
Rubber	No known effect	
Packaging	Order No.: RXSOL-54-1008-025	Size (in kg) 25 , 5

Characteristic:

- Powder product-safe and easy handling and storage.
- Fast and effective scale remover, It is water-soluble, non-flammable, non-volatile and non-hygroscopic Inhibitors

- protect metals. Requires no heating unless its activity is required to increase fast.Contains anti-foam agent .
- Colour indicator shows solution strength.
- Removes scale from boilers.
- Removes scale from Diesel Engine cooling systems.
- Removes scale and rust from Condensers, Evaporators,Heat Exchangers etc

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit **eastindiachemicals.com**. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.