



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-54-1008-025

Safe Acid Descale Powder

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

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.

Application	Properties														
<p>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 1part 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.</p> <p>Directions for use</p> <p>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.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e67e22; color: white;"> <th>Parameters</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>Reddish / Yellowish / white - Powder (without indicator)</td> </tr> <tr> <td>Density</td> <td>1.2g/cm3</td> </tr> <tr> <td>pH</td> <td>(10 wt %):1.1</td> </tr> <tr> <td colspan="2">Compatibility</td> </tr> <tr> <td>Metal</td> <td>Avoid aluminium, zinc, tin and their alloys. Avoid galvanised surfaces</td> </tr> <tr> <td>Rubber</td> <td>No known effect</td> </tr> </tbody> </table> <p>Key Features</p> <ul style="list-style-type: none"> 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 	Parameters	Value	Appearance	Reddish / Yellowish / white - Powder (without indicator)	Density	1.2g/cm3	pH	(10 wt %):1.1	Compatibility		Metal	Avoid aluminium, zinc, tin and their alloys. Avoid galvanised surfaces	Rubber	No known effect
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Boilers

Condensers

Filters

Heat Exchangers

Kettles & Tanks

Pipelines
Pots
Reactors
Steam Jackets
Bath Rooms and Showers
Metal Processing and much more!

Applications

Automotive	Bottling	Chemicals	Food
<ul style="list-style-type: none"> - Closed Circuit Cooling - Dynamometers - Extruders - Molders - Radiators - Welders 	<ul style="list-style-type: none"> - CO2 Generators - Heaters - Exchangers - Rinse Tanks - Sterilizers and Washers 	<ul style="list-style-type: none"> - Dryers - Extruders - Kettles - Mixers - Reactors - Scrubbers - Vacuum Pumps 	<ul style="list-style-type: none"> - Condensers - Ice Machines - Kathabars - Refrigeration Equipment - Steam Tables
Manufacturing	Metals	Mining	Paper
<ul style="list-style-type: none"> - Chillers - Compressors - Furnaces - Quenchers - Vacuum Pumps 	<ul style="list-style-type: none"> - Bearings - Conveyors - Fans - Hearth & Vacuum Furnaces - Shelters - Sprays 	<ul style="list-style-type: none"> - Bearings - Conveyors - Filters - Presses - Process Lines - Radiators 	<ul style="list-style-type: none"> - Calendar Rolls - Mill Rolls - Caustic Lines - Scrubbers - Compressors - Liquor Tanks - Pulverizers - Vacuum Pumps
Pharmaceutical	Refinery	Rubber & Plastics	Steel

<ul style="list-style-type: none"> - Exchangers - Loop Systems - Kathabars - Pumps - Reactors - Stills - Sterilizers 	<ul style="list-style-type: none"> - Compressors - Converters - Crackers - Exchangers - Piping - Pumps 	<ul style="list-style-type: none"> - Banbury Mixers - Calendar & Mill Rolls - Extruders - Injection Molders - Molds - Temperature Control - Units - Throat Coolers - Towers and Tubers 	<ul style="list-style-type: none"> Bearings ConCast Units Generators Hearths Spangle Units Furnaces
Textile	Utilities	Other Applications	
<ul style="list-style-type: none"> - Air Washers - Compressors - Condensers - Exchangers - Extruders and Towers 	<ul style="list-style-type: none"> - Boilers - Turbines - Transformers - Cooling Towers - Air Compressors - Hydrogen Coolers - Lube Oil Heat Exchangers 	<ul style="list-style-type: none"> - Ball Mills - Demisters - Evaporators - Locomotives - Absorption Units - Diesel Generators - Induction Furnaces 	

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