



# **RXMARINE** **INTERNATIONAL**

E-catalogue of RXSOL Descaler Product

*Product  
e -catalogue*



**Figure:1.1**

## **Descaler for Home Appliances**

### **KITCHEN & BATHROOM CLEANER**

lime eater dissolves hard and old lime scale deposits from your appliances . It extends the life of the appliance and saves running cost. It can be used in appliances such as Washing Machines Dish Washers Geysers, Steam Iron, Coffee Makers , Bath Tubs , Bathroom Fixtures etc.



**Figure:1.2**



**Figure:1.3**

## DESCALING LIQUID



Figure:1.4

Scales are very damaging to the boiler because they interfere with the heat transfer and can lead to overheating and eventually, boiler rupture. To increase the usable life of cleaned equipment, it is a safe and effective way to remove scale deposits from all types of water-cooled and water-heated equipment. This descaler specifically formulated and developed to rapidly clean mineral scale from passages in water-cooled or heated equipment. It improves Plant Efficiency, Lowers Cost, Conserves Energy, Decreases Down-Time.



Figure:1.5

RXSOL-11-1008-020 is mixed with fresh water 3 to 20 percent depending on the deposition of scaling. The most effective method is circulation for large systems or components like boilers, evaporators, condensers, heat exchangers & generally closed systems that have the capability to circulate at a temperature of approximately 40-60°C for 6-12 hours and solutions of 10 - 40% of RXSOL-11 - 1008-020 in water. Keep in mind that the strength of the solution is analogous to the degree of deposition of scale. In 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, sludge or carbonized oil, then first of all clean the system with degreaser RXSOL-10-1005.



**Figure:1.6**

acidity and passivate steel surfaces. RXSOL-11-1008-020 should not be used on Aluminium, Zinc, Tin, or any Galvanized Surfaces, for which a special grade cleaner should be used. Chemical Cleaning Module Rxcleansers has developed a 280 Ltr. capacity cleaning module, primarily designed for use with chemical acid solvents for descaling, boilers, calorifiers, heat exchangers & other types of equipment where rust & scale form RXSOL-11-1008-020 Boilers,



**Figure:1.7**

**R**XSOL - 11 - 1008 - 020 should be mixed with fresh water to form a solution of 10-30%, depending on the extent of scaling. after using RXSOL-11-1008-020 PRECAUTION: it is essential to thoroughly rinse all metal surfaces at least, .. once with a 0.5% solution of RXSO-20-2005 in fresh water. This solution should be circulated for 2-4 hours or until an acceptable pH value is obtained. This will neutralize any remaining

**See Rx cleansers Practical Application Manual**

**Note:-**

After using RXSOL -11-1008-020, sense all metal surfaces with 0.5 percent of RXSOL - 10 - 1005, at least 2 - 4 hour, up to neutral of PH value.....

- Fast and effective scale remover.
- Soft on ferrous metals.
- Removes water scale & rust from boilers/diesel engine & other cooling system
- As well as from condensers, evaporators & heat exchangers etc



Figure:1.8



Figure:1.9



Figure:1.10

# Hard water Scale Remover

## What is hard water

Hard water is water that has high levels of dissolved minerals particularly calcium.

## Problems Caused by Hard Water

Calcite, the main cause of scale, is the most common form of calcium carbonate and occurs naturally as a natural ingredient of chalk, limestone and marble water passing over and permeating through such rocks dissolves calcite when this water subsequently flows through. A water system the calcite precipitates out to form a Very hard scale on surfaces. When hard water is heated, or evaporation takes place, the problems are exacerbated. Calcite forms ever growing layers of rock-like deposits until eventually pipes, jets and equipment become totally blocked. The problem increases as the water gets hotter. Water containing 145 ppm of calcite, flowing at 3.5 litres per minute, produces in one year 4.8 kilograms of scale at 60°C. At 80°C this rises dramatically to a massive 29.9 kilograms! Scale wastes both energy and financial resources just one eighth of an inch of scale reduces heating efficiency by 25%. It is also very expensive to remove, de-scaling pipes and boilers alone costs British Industry over £800M each year.

## Higher fuel costs

Heating scale wastes money and increases boiler running time. With no scale on its heating exchanger, a domestic hot water cylinder takes 1½ hours to heat up. With just 5mm of scale the boiler has to run for over 4 hours wasting 2½ hours of fuel. Scalewatcher will reduce existing scale from your hot water system, returning it to its efficiency, thus saving fuel costs. Scale damages washing machines and dishwashers resulting in higher maintenance costs and a shorter life.

## Features

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