

# Liquid Scale Dissolver

Scale Removal/Descaling

# NEW

A terrific new package for a great industry standard...

Liquid Scale Dissolver in a new 2 1/2 gallon pail.

- New exclusive 2 1/2 gallon package
- State-of-art design provides for safer, non-glugging pour
- More functional than 1-gallon, lighter than 5-gallons
- Strong handle for carrying and managing product to remote locations and on ladders
- Patented Rieke cap



## Liquid Scale Dissolver

Liquid Scale Dissolver line-up is the industry's most trusted solution for descaling and cleaning cooling tower. It provides unmatched features such as a built-in pH color indicator, superior low foam characteristics in a fast-action cleaner. This specialized chemistry is packaged in a variety of sizes—including our exclusive new 2 1/2 gallon bottle to make handling easier – and safer in climbing circumstances.

## pH Color Indicator

The built-in pH color indicator is a good guide to the proper application of the product. It gives the water a green or light blue color with the product at the desired strength and causes the water to turn dark blue or purple when the product is neutralized thus, no scale is being dissolved at this time. When this occurs add more product to change the water back to a light blue or green.

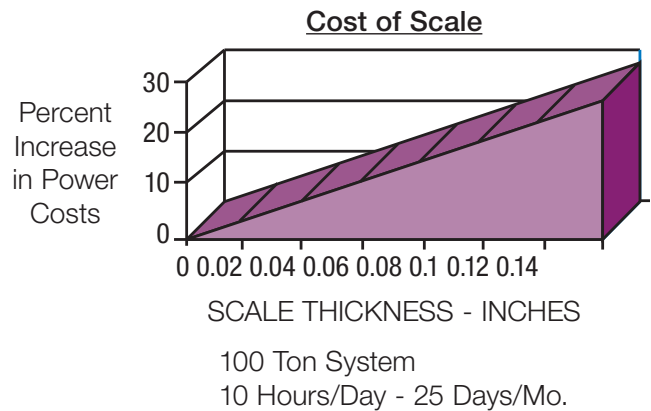
## Low Foam Inhibitor

Low foaming corrosion inhibitor provides protection of system metal during descaling. The low foam characteristics provide safety to the technician.



## Application

Cooling towers and evaporator condensers are used in equipment designs to condition air. Often the cooling water circuit is not set-up with an adequate preventative maintenance program using a bleed-off and a good scale inhibitor for trouble-free operation. Scale formation occurs resulting in lost heat transfer and restricted water flow causing the compressor to work harder. Power is wasted plus added wear and tear on the compressor. In these circumstances, the scale must be dissolved with a descaler so the system operates within its design operating envelope.



The chart to the right illustrates the cost of scale in a system.

## Guidelines

Drain water from system and flush system to remove loose scale and sludge. Fill system with fresh water adding one gallon of Liquid Scale Dissolver for every 20 gallons of water in the system. Vent enclosure(s) to prevent the build-up of pressure. Allow the cleaner to circulate until all the scale is removed. If the cleaner turns blue or purple, the solution has been neutralized and another treatment or more of cleaner is required. For convenience, pH strips are also supplied with each product.

The system is free of scale when the solution retains a green color for 15-30 minutes. Most cleanings can be accomplished within two to four hours. After cleaning, thoroughly rinse with flowing water making sure all residuals of the cleaner have been flushed. **Consult Nu-Calgon publications 3-106 and 3-918 for additional instructions and precautions before the use of the product.**

**Packaging:** 1 Gallon Bottle: 4330-08                      5 Gallon Bottle: 4330-05  
2½ Gallon Bottle: 4330-03 (NEW)                      55 Gallon Drum: 4330-01

