

S750

## DESCALER 110

This product is a fully inhibited, fast acting descaler. It contains a balanced ratio of acids and surfactants, making it a suitable descaler for boilers and water towers. It contains built-in pH indicator.

### DIRECTIONS:

**DESCALING BOILERS:** For initial descaling, mix 1 part DESCALER 110 with 5 parts water in the system. Later cleaning may require a lower concentration. Isolate the unit to be cleaned to protect valves and avoid possible contamination of rest of system. Fill the boiler with DESCALER 110 and water at a 1:5 to 1:20 ratio. Heat the water to 60°C-80°C (140°F-190°F) and circulate for about 4 hours and then check the tubes. If descaling is not complete, refill the boiler with DESCALER 110 and water and repeat.

Drain the boiler and flush with water pressure to remove all the scale and sludge. Drain and fill the boiler at least 3 times.

**DESCALING WATER TOWERS:** Shut down the tower and use high pressure water to hose out mud, silt and slime. Isolate the unit to be descaled to protect valves and avoid possible contamination of the rest of system. Lower the water level to just the amount required for circulation. Add DESCALER 110 to water in the tower at the ratio of 1 part to 5 parts of water. Add enough DESCALER 110 to keep the pH between 1.5 and 2.5. Continue adding, as required, to maintain proper pH level for about 4 hours. The circulating solution should be yellow in colour. If the solution while circulating turns blue, more DESCALER 110 needs to be added. Drain the system, flush and fill twice and check the pH of water to be certain all DESCALER 110 has been removed.

**NOTE:** Add DESCALER 110 slowly, a few gallons at a time, to the tower to reduce tendency to foam. Foaming indicates that descaler is dissolving the scale. If excessive foam occurs, use a defoamer.

Any method of descaling either boilers or towers will dissolve scale that may be plugging areas that are already leaking due to rust or other corrosion, therefore, no liability can be assumed.

**CAUTION:** Contains acids. Do not use on aluminum, decorative metals, zinc, magnesium, galvanized or painted surfaces. Spot test a small area for sensitivity before use.

FOR COMMERCIAL USE

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Intertek