

# **TRIO HARDNESS CONTROL/P**

## **BOILER WATER TREATMENT- HARDNESS CONTROL**

**TRIO-HARDNESS CONTROL;** It is a liquid product used to precipitate calcium and magnesium hardness in low and high pressure boiler waters and to provide phosphate control. With the dosing of TRIO-HARDNESS CONTROL, the calcium and magnesium salts in the boiler water are converted into non-adhesive and soft sludge and taken out of the boiler with the help of blowdown. TRIO-HARDNESS CONTROL is a sodium phosphate derivative and can be used with TRIO-ALKALINITY CONTROL. By providing a temperature of 40-50° C, a scale of TRIO-HARDNESS CONTROL is added to 20 scales of distilled water (condensate, distilled water, etc.) to dissolve and the prepared solution is prepared for dosing into the system.

### **PRODUCT FEATURES AND BENEFITS**

- It reduces fuel consumption and increases the efficiency of the boiler by preventing the formation of boilers in regular use.
- It reduces maintenance and operating costs in regular use.
- It extends the life of boiler equipment and parts.

### **DOSAGE AMOUNT AND INTENDED USE**

The TRIO-HARDNESS CONTROL dosage varies according to feed water quality and boiler pressure. If no phosphate application has been made in the boiler water, the first dosage is 30-80 gr. for 1 ton of water. Continuous dosage is 10-25 gr. for 1 ton of feed water. The product can be dosed to the straight drum, water drum or economizer inlet with the help of a dosing pump. It should be applied with the principle of continuous dosing.

**NOTE: Please review the MSDS reports before use for safety, occupational health and safety.**