

HARDNESS CONTROL

DESCRIPTION:

HARDNESS CONTROL is a dry phosphates based powder. It is used in conjunction with ALKALINITY CONTROL for the prevention of scale and corrosion in low and high-pressure boiler systems.

APPLICATIONS

HARDNESS CONTROL is added to the boiler water to maintain an optimum phosphate level. Under these conditions, calcium and magnesium hardness salts cannot form and the precipitate can be removed by blow-down.

DIRECTIONS FOR USE

HARDNESS CONTROL should be dissolved in warm water before adding into the boiler. The solubility of the product is 100 gr. per lt. For optimum results, the product should be dosed directly into the boiler via a by-pass pot feeder installed in the boiler feed line. For low-pressure boilers without by-pass feeder, the product may be dosed into the hot well.

INITIAL DOSAGE

Initial dosage for untreated water is 100 gr. of HARDNESS CONTROL per ton of water. Dosages should be adjusted in accordance to the recommended phosphate levels. The recommended control limits are:

CONTROL LIMITS

Hardness : Zero

Phosphate : 10 - 20 PPM (HP boiler)
20 - 40 PPM (LP boiler)

Analysis is carried out using UNIMARINE BOILER WATER TEST SET

NATURE OF SPECIAL RISKS AND SAFETY ADVICE

In accordance with the latest EEC Council directives this product is subjected to:

S2 : Keep out of reach of children

S24/25 : Avoid contact with skin and eyes

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 : After contact with skin, wash immediately with plenty of water and seek medical advice

Code: 161162114

HARDNESS CONTROL

Boiler water conditioner

- Reduces hardness in boiler water
- Prevents formation of calcium and magnesium scale
- Converts hardness salts to non-adherent sludge that can be removed by blow-down

PRODUCT CHARACTERISTICS

Appearance: white powder

Corrosive action: none

pH 1% solution: 8,8

Flash point: none

IMO Class: not regulated

UN Number: not regulated

ADR: not regulated



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