

ALKALINITY CONTROL

DESCRIPTION

ALKALINITY CONTROL is a concentrated liquid alkaline compound. It is used in conjunction with *HARDNESS CONTROL* for the prevention of scale and corrosion in low and high-pressure boiler systems.

APPLICATIONS

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

DIRECTIONS FOR USE

For optimum results, *ALKALINITY CONTROL* 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 250 ml of *ALKALINITY CONTROL* per ton of water. Dosages should be adjusted in accordance to the recommended P alkalinity levels. The recommended control limits are:

CONTROL LIMITS

P Alkalinity : 75 - 100 PPM for boilers 28 - 57 bar
100 - 150 PPM for boilers max. 28 bar

- For high pressure boilers P Alkalinity level must be between 0 - 50 PPM.
- 0.25 ml *ALKALINITY CONTROL* will increase the P alkalinity by 70 PPM
- 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:

- R35 : Causes severe burns
S2 : Keep out of reach of children
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S27 : Immediately take off all contaminated clothing
S36/37/39 : Wear suitable protective clothing, gloves and eye / face protection
S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible)

Code:161162115



ALKALINITY CONTROL

Boiler water conditioner

- Maintains alkalinity within optimum limits
- Assists in precipitation of hardness salts
- Neutralizes acid condition in boiler water

PRODUCT CHARACTERISTICS

Appearance:	clear liquid
Corrosive action:	corrosive to aluminum, zinc and tin
Specific gravity:	1,2 (20°C)
Flash point:	none
pH:	>13
IMO Class:	8 / II
UN Number:	1824
ADR:	8.42b)

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