

## 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 a 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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