



**Vecom Marine**

*clean ships - clean seas*

## ALKALINITY CONTROL

### Boiler water conditioner

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

For product characteristics and for the nature of special risks and safety advice consult our Material Safety Data Sheet.

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## 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 200 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.
- 0.2 ml/ltr *ALKALINITY CONTROL* will increase the P alkalinity by 100 PPM
- Analysis is carried out using *VECOM BOILER WATER TEST SET*

