

## DESCRIPTION

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

## APPLICATIONS

*ALKAL CONTROLLER* 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, *ALKAL CONTROLLER* 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 *ALKAL CONTROLLER* 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 *ALKAL CONTROLLER* will increase the P alkalinity by 70 PPM

## 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)

## ALKAL CONTROLLER

### 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)