

## Liquid Alkalinity Control for Boiler Water Treatment

### PRODUCT DESCRIPTION

Concentrated liquid alkaline product for corrosion and deposit control in boilers.

### DIRECTIONS FOR USE:

This treatment is usually used in conjunction with PHOSTREAT.

ALKALINITY CONTROL provides the alkaline conditions for PHOSTREAT to function correctly.

Without the correct precipitation and subsequent blowdown of hard water salts, scale deposits would form. This would result in restriction in water flow, ineffective heat transfer and local corrosion. The end effect would be an inefficient boiler and ultimately component failure.

Treatment stops this occurring. Corrosion due to acid conditions must be avoided.

### DOSAGE:

A level or treatment is maintained by testing for P. Alkalinity. The level is determined by the pressure and type of boiler. The normal method of raising the alkalinity level is by adding the required quantity of ALKALINITY CONTROL after testing for P. Alkalinity. 0.10 Litre will raise P. Alkalinity by 100ppm per 1000litre capacity.

### DOSAGE METHOD:

For optimum results dose ALKALINITY CONTROL direct to the boiler via the bypass pot-feeder installed in the boiler water feed line.

In low pressure boiler (Group 1) ALKALINITY CONTROL may be dosed to the hot well (condensate return tank).

### PHYSICAL PROPERTIES:

Appearance: Clear liquid  
Specific Gravity: 1.3 @20'C  
Odour: None  
Flash Point: None

### FEATURES AND BENEFITS

- § Convenient liquid treatment, which provides the basic alkalinity on which successful water treatment depends.
- § Maintains alkalinity within optimum limits.
- § Provides optimum conditions for hardness control to function.
- § Assists in precipitation and blowdown of magnesium salts.
- § Neutralises acid conditions.
- § Allows efficiency to be maintained, and reduces maintenance.
- § Can be mixed with most treatment chemicals.
- § Will assist in keeping silica in suspension.
- § Simple test to determine level of treatment.

### APPLICATION:

- § Used for providing the required alkaline conditions within the boiler.
- § To neutralise any acid condition on board.
- § Assist in coagulating oil contamination.
- § For all boiler pressures.