

# ALKALINITY CONTROL

Concentrated Alkalinity Liquid Compound for Successful Water Treatment

## Technical Information

### Physical Data

Appearance:	Clear liquid
Flash Point:	none
Ph 1%:	14
Specific gravity:	1.3 at 20° C
Compatibility:	Corrosive to aluminium zinc and tin

### Description

Concentrated liquid alkaline compound for boiler corrosion and alkalinity control.

### Application

Used in low and high-pressure boilers to adjust the water's pH and alkalinity in line with the working pressure. This treatment is typically employed alongside HARDNESS CONTROL.

### Advantages

- Maintains alkalinity within optimal levels.
- Aids in the precipitation and blowdown of magnesium salts.
- Neutralizes acidic conditions.

### Dosage

For unconditioned water, the **initial dosage** is 250 ml of ALKALINITY CONTROL per ton. The "P" alkalinity level must be maintained as follows:

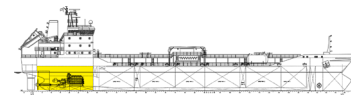
Boilers	P Alkalinity Level
Low-pressure (≤ 28 bar)	120 – 180 PPM
Medium-pressure (28 – 57 bar)	80 – 120 PPM
High-pressure (57 – 102 bar)	≤ 50 PPM

The standard method of increasing alkalinity levels is by adding the required amount of ALKALINITY CONTROL after testing for "P" alkalinity. Just 0.25 ml will raise "P" Alkalinity by 70 PPM. For optimal results, administer ALKALINITY CONTROL directly to the boiler via the bypass pot-feeder installed in the boiler water feed line. Refer to our treatment manual for the testing procedure.

### Cautionary Information and Safety Measures

This product is caustic; therefore, it is essential to avoid contact with your eyes and skin. In case of contact, rinse the affected area immediately with fresh water. For comprehensive safety information, please consult the Product Safety Data Sheet.

#### USAGE AREAS



Water Treatment

#### PACKAGING



#### APPROVALS



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## Safety and Environment (HSE)


Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.


## Contact


For further information, please contact your local Uniservice Unisafe sales representative or get in touch with us:

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## Important Notice

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