

ALKALINITY CONTROL

Concentrated Alkalinity Liquid Compound for Successful Water Treatment

Technical Information

Physical Data

Appearance:	Clear liquid
Flash Point:	none
Ph 1%:	1.4
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:

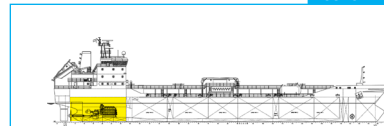
Boilers	P Alkalinity Level
Low-pressure (≤ 28 bar)	120 – 180 PPM
Medium-pressure (28 – 57 bar)	80 – 120 PPM
High-pressure (57 – 102 bar)	≤ 50 PPM

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.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

Contact


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


Uniservice Unisafe SRL

Marine Chemicals Division

 Via al S.N.S. della Guardia 58a

Genoa 16162 Italy

 (+39) 010 711 395

 (+39) 010 713 120

 www.uniservicemarine.com