



CARETREAT ALKALINITY CONTROL

Boilerwater Alkalinity booster and general corrosion inhibitor

- Eco-friendly
- Excellent corrosion protection
- Low product consumption
- Simple testing

DESCRIPTION

Caretreat Alkalinity Control is highly concentrated liquid hydroxide based product. The product creates protective residual alkalinity to protect to boiler for general corrosion. In conjunction with Caretreat Hardness Control or Caretreat 1 Evaporator, it prevents the boiler from scaling.

ADVANTAGE

- elevates p-alkalinity, to protect the boiler from general corrosion
- prevents silicate build-up
- environmentally safe, non-toxic product
- simple and accurate testing
- effective under all operating conditions

APPLICATIONS

Caretreat Alkalinity Control can be used in any type low, medium and high pressure boilersystem.

Caretreat Alkalinity Control can be used in the following Make-up water:

- evaporated water
- reversed osmosis water
- demineralised water
- softened water

DIRECTIONS FOR USE

Standard water treatment:

Caretreat Alkalinity Control can be added directly to the feed water. We strongly recommend this is done by using a dosingpump. It is also recommended to continually dose Caretreat Alkaline Control in conjunction with Caretreat Hardness Control.

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Control limits

The boiler water must meet the following conditions:

p-Alkalinity	: 100 - 150 ppm CaCO ₃
Phosphate	: 20 - 40 ppm PO ₄
Chlorides	: max. 300 ppm Cl (Low pressure boilers) : max. 100 ppm Cl (Medium pressure boilers)
pH	: 10.5 to 11.0
Conductivity	: 400 to 2000 μ S/cm (Low pressure boilers) : 400 to 1000 μ S/cm (Medium pressure boilers)

Initial dosage

Caretreat Alkalinity Control should be dosed at a rate of 0,25 liter per ton boiler contents. Allow the boiler water to be conditioned for 24 hours and then carry out a p-Alkalinity test. Adjust product dosage if necessary to obtain a p-Alkalinity of 100 - 150 ppm. At the same time determine the chloride content. If the chlorides are too high, give the boiler a top and bottom blow down in a ratio in time 2 to 1.

Daily dosage

Caretreat Alkalinity Control should be dosed at a rate of 0,1 liter per ton boiler feed water.

DOSING SYSTEMS

Marine Care supplies a complete range of dosing systems, from manual operated systems, to custom built computer operated high tech systems, for every application.

PROPERTIES

Article number	14408
pH	14
Density	1,36 g/cm ³
Flashpoint	Not applicable
Physical state	Liquid

APPROVALS

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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