



CARETREAT 5 SEAWATER

Sea cooling water corrosion inhibitor and growth preventer, based on natural filming amines

DESCRIPTION

Caretreat 5 Seawater, is designed as an environmental friendly growth preventer for seacoolingwater systems, boxcoolers, tanks (ballast, trim) and fire fighting systems. Caretreat 5 Seawater acts as a filming agent, at molecular level. This non-oxidizing, non-toxic tension-active emulsion with dispersant properties will prevent micro and macro fouling, scaling, corrosion, bio-life, mud.

ADVANTAGE

Caretreat 5 Seawater has at the advised dosingrate no impact on the environment and is biodegradable. Caretreat 5 Seawater has high filming capabilities (growth prevention), excellent dispersing, scale and corrosion inhibiting properties. Caretreat 5 Seawater can be used in flow through as in static systems like tanks and fire fighting lines.

APPLICATIONS / DIRECTIONS FOR USE

Sea Coolingwater Systems: In coastal waters, the product has to be metered into the sea-chests or strainers at a rate of 6 ppm over 1 hour every 24 hours (0,6 liters per 100 m³/h). In port when the coolingwaterflow is much lower the dosing can be reduced to 6 ppm over 30 minutes per 24 hours. At deepsea the product can be dosed at a rate of 6 ppm over 1 hour every 48 hours at the same dosingrate. In deep cold waters there is no need for dosing the product, but dosage should be started 3 days before entering shallow or warmer (> 12 °) waters.

Boxcoolers: The product should be dosed well spread over the cooler surface, at a dosingrate of 300 ppm calculated over the contents of the box. Box contents 2 m³: product dosage 2 x 300 equals 600 ml (0,6 liters) dosed over a period of 10 minutes every 24 hours (dosingpump setting 3,6 l/h).

- Eco-friendly
- Biodegradable
- Treatment of:
 - > Flow through systems
 - > Box coolers
 - > Tanks
 - > Fire fighting systems
- OCNS Registered

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Tanks: Ballast and Trim tanks can be treated against biofouling. The initial dosage should be 100 ppm (1 liters per 10m³), followed by a monthly dosage of 30 ppm.

Fire Fighting Systems: The product has to be dosed when the fire fighting pumps start for testing every week or every second week. The dosing rate is 30 ppm over a period of 30 minutes, calculated on the fire fighting pumps capacity. The product should be dosed in the inlet strainer or pumpsuction.

Caretreat 5 Seawater can safely be dosed in seawater that is used for freshwater productions over an evaporator. Caretreat 5 Seawater cannot be used on Reversed Osmosis systems and not in Potable water.

DOSING SYSTEMS:

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

PROPERTIES

Article number	14405
pH	5
Density	0,94 g/cm ³
Flashpoint	> 100 °C
Physical state	Liquid

APPROVALS

- Caretreat 5 Seawater does not contravene I.M.O. regulations concerning overboard discharge
- Approved by the Norwegian Institute of Public Health
- OCNS registered, 24400, for Offshore applications

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

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MARINE CARE BV
Mozartlaan 3
3144 NA Maassluis
The Netherlands
T. +31 (0)10 2950342
F. +31 (0)10 2950345
E. supply@marinecare.nl
W. www.marinecare.nl