



**MARINE
CARE**

CARETREAT BACTERIA

Microbiological control agent for use in cooling water systems

- Broad spectrum
- Fast acting
- Cost effective
- Easy to apply
- Easy test method

DESCRIPTION

Broad spectrum microbiological control agent including bio-dispersants for growth prevention in cooling water systems.

ADVANTAGE

- Easy to Apply
- Broad Spectrum
- Effective at low dosages

APPLICATIONS

- (Closed) Cooling water systems

DIRECTIONS FOR USE

In case of slight growth (see reference images on next page) Caretreat Bacteria is directly dosed to the circuit. Caretreat Bacteria is dosed at 700 ml per m³ system volume (0,07%). After 24 hours the cooling water quality is checked on microbiological growth. The dosing is repeated when bacteria growth has been detected.

In case of serious contamination the system should be drained and refilled with fresh water treated with Caretreat Bacteria at 500-700 ml per m³ of water (0,05% - 0,07%). Let Caretreat Bacteria react for 48 hours whilst circulating with all cooling water pumps. The engine should not be running. During this operation, careful attention should be taken to blanked pipes and bypass loops, etc., to ensure that these areas also receive adequate treatment. After 48 hours, drain the system as quickly as possible through all outlets. Refill the system with distilled water and add Caretreat 2 Diesel to give the correct corrosion inhibition levels and add 500 ml Caretreat Bacteria per m³. **DO NOT USE CARETREAT BACTERIA IN POTABLE/DRINKING WATER SYSTEMS.**



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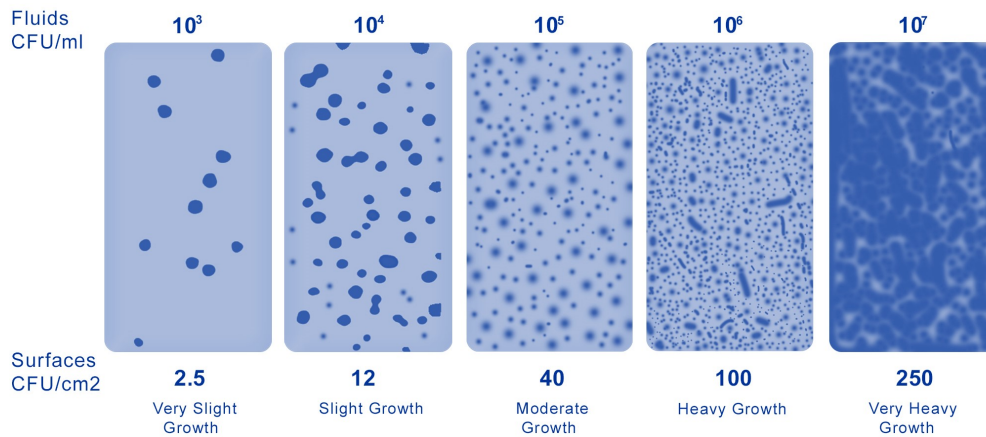


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CARETREAT
BACTERIA

Control limits

Bacteria growth can be checked with the Marine Care dipslide test.



Up to moderate growth the bacteria can be treated/killed by adding Caretreat Bacteria. When the test shows (very) heavy growth, it needs to be completely cleaned.

DOSING SYSTEMS

Caretreat Bacteria is dosed in the cool water collecting tank or at the dosing point of Caretreat 2 Diesel.

PROPERTIES

pH (1 % solution)	3 - 5
Density	1,00 g/cm ³
Flashpoint	Not applicable
Physical state	Liquid

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

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