



**MARINE
CARE**

CARECLEAN FORMULA #4

Acidic cleaning cleaner for removal of hardness stains and residues after tank cleaning operations

DESCRIPTION

Careclean Formula #4 is used for the removal of hardness stains after tank cleaning operations, brightening metal surfaces and removal of rust stains from paintwork.

ADVANTAGE

- Effectively removes hardness stains
- Highly concentrated formulation
- Safe on epoxy coatings and stainless steel

APPLICATION

- Removal of hardness stains in cargo tanks
- Removal of iron ore, limestone (carbonates), magnesite
- Removal of rust stains on paintwork, wood and plastics

DIRECTIONS FOR USE

Tank Cleaning

In case hardness stains and/or residues are present after completion of tank cleaning operations, either inject 0,2 - 0,5 % Careclean Formula #4 directly into the automatic washing system for approx. 30 minutes to 1 hour (with a minimum of 1 cycle) or circulate a 0,2 - 0,5 % solution of Careclean Formula #4 in freshwater at a temperature is 75 - 85 °C for 1 hour. Careclean Formula #4 is suitable to be used on epoxy and stainless steel coatings, it is not suitable to be used in zinc coated tanks.

Paintwork

Dilute Careclean Formula #4 to a 5 - 10 % solution in water. Apply the solution by brush or spray using plastic equipment. Leave to soak for 10 - 20 minutes. Rinse off using a powerful water jet and a brush, if necessary.

- Biodegradable
- Suitable on stainless steel & epoxy coatings
- Approved by:
> IMO



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General

In most cases Careclean Formula #4 is applied by brush diluted with water to a 5 - 25 % solution. The reaction time has to be 5 - 10 minutes. Small objects can be soaked in a plastic container. After cleaning, rinse items thoroughly with a water jet.

DOSAGE

Tank cleaning	0,2 - 2 %	solution
Paintwork	5 - 10 %	solution
General	5 - 25 %	solution

PROPERTIES

Article number	
pH	1,0
Density	1,62 g/cm ³
Flashpoint	Not applicable
Physical state	Liquid

APPROVALS

- IMO approved in accordance with MEPC 590
- Major coating manufacturers. Deviations in temperature, exposure time and concentration to the above stated can vary per coating type, consult the coating manufacturers user guidelines.
- For use on MarineLine coatings, Careclean Formula #4 to be used in max 0.4% concentration at ambient temperature and max. 0.2% at 70 degrees Celsius.

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

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