



**MARINE
CARE**

CARECLEAN BUFFER

Product for cleaning & conditioning tanks with a zinc silicate coating

DESCRIPTION

Careclean Buffer is a cleaning agent safely buffered at a pH of 5,5 for application on zinc silicate coated tank surfaces. Careclean Buffer is based on a complexing mild acid solution in combination with synthetic detergents and surfactants.

ADVANTAGE

Careclean Buffer can safely be used on zinc silicate coating for the removal of:

- traces of lead, after carrying leaded gasoline or similar cargoes
- iron stains
- dyes discoloration
- traces of chloride and sulfide

APPLICATIONS

Tank Cleaning

Before cleaning with Careclean Buffer it is recommended to prewash with hot water.

Recirculation Method

Recirculation is highly effective and widely used. In this method a chemical solution is pumped via a closed loop through a mechanical tank washing machine. The chemical solution is normally prepared in the tank to be cleaned or in the slop tank. Heat is achieved by the use of a heat exchanger, steam coils or live steam injection. The advantages of this method are that heat and chemicals are recovered and can be used again to clean additional tanks. It is important to use fresh water only. The use of river- or seawater will cause a reaction which decreases the efficiency of the solution for tank cleaning.

- Eco-friendly
- Biodegradable
- Zinc coat conditioner
- Lead cleaner
- Non Flammable
- Approved by:
 - > IMO
 - > Coating manufacturers

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Recirculation Method (continued)

Make sure to first introduce the fresh water into the tank before adding Careclean Buffer. Depending on the degree of contamination Careclean Buffer is circulated as a 10 % solution for a period of 45 - 60 min. at a temperature not exceeding 45 °C. Rinse the tank with Demineralized (D.I.) water, in case high purity standard is required.

Spray Method

Spray the tank surfaces with a 10 % solution of Careclean Buffer and let the product act for at least 30 min. Then rinse all tank surfaces with hot water for 45 minutes or as long as needed to remove the cleaning solution.

DIRECTIONS FOR USE (SEE APPLICATIONS)

DOSAGE

Spraying	10 % in freshwater
Recirculation	10 % in freshwater

PROPERTIES

Article number	16608
pH	5,5
Density	1,02 g/cm ³
Flashpoint	None
Physical state	Liquid

APPROVALS

- IMO approved in accordance with MEPC 590 Guidelines
- 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 detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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