Careclean Multiclean

Mild alkaline multi purpose cleaner

- Eco-friendly
- Biodegradable
- Suitable for use on Zinc coatings
- Multipurpose
- Approved by:
  - > IMO
  - > Marinfloc
  - > Coating manufacturers

Description

Careclean Multiclean is a liquid blend of anionic and nonionic surfactants and complexing agents, for cleaning of nearly all light soft contaminations. Careclean Multiclean is used in the Engine Room, on Deck, for Tankcleaning and in the Accommodation.

Advantage

- powerful cleaner
- for general and tankcleaning
- no organic solvents
- non flammable
- suitable for use on Zinc coatings

Applications

Tank Cleaning

Before cleaning with Careclean Multiclean it is recommended to prewash the tanks with hot water. For drying or semi-drying oils a prewash with cold water should be carried out immediately after discharge of cargo to retard oxidation and hardening of oil residues. After 1 cycle slowly start to increase water temperature to increase effectiveness of the prewash.

Reciculation 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 advantage of this method is that heat and chemicals are recovered.

discover the difference

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Recirculation Method (continued)
Depending on the degree and nature of contamination, Careclean Multiclean is circulated as a 2 - 5 % solution for a minimum period of 2 - 6 hours at a temperature of 60 - 80 °C (depending on the type of cargo). After circulation rinse thoroughly with (fresh) water. In case the next cargo is high purity standard make sure to rinse with Demineralized (D.I.) water.

Direct Injection
Inject 2 - 5 % of Careclean Multiclean into the washing system. Maintain cleaning temperatures between 60 - 80 °C (depending on the type of cargo). Cleaning time is 2 - 6 hours, followed by thorough rinsing with fresh hot water or Demineralized (D.I.) water.

Spray Method
Spray the tank surfaces with undilluted Careclean Multiclean and let the product act for at least 30 min., rinse all tank surfaces with hot water for 1 or 2 cycles (approx. 30-45 minutes) or as long as needed to remove the cleaning detergent.

General Cleaning
Dilute Careclean Multiclean depending on the type and amount of contamination with cold or hot water 1 : 3 till 1 : 200 (0,5 – 25 % solution). Clean with a brush, a sponge or cloths. Rinse with water.

Directions for use (see Applications)
Careclean Multiclean can be used on ferro and non-ferro metals, synthetic materials, rubber and hardened coatings, including Zinc coatings.

Dosage

Recirculation	2 - 5 %
Spraying	Undilluted
Recirculation	2 - 5 %
General Cleaning	0,5 - 25 %

Properties

Article number	14111 / 16111
pH (1 % solution)	9,3 - 9,8
Density	1,05 g/cm^3
Flashpoint	None
Physical state	Liquid

Approvals
- IMO approved in accordance with MEPC 590 Guidelines
- Marinfloc Approved OWS Compatible
- Major coating manufacturers

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

This information is based on data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply this product properly. We assume no responsibility for results or damages incurred from their use by the Buyer. No liability (including liability for negligence) will attach to Marine Care or its servants or agents arising out of or in connection with or in relation to this product information.

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