

ProTank Safe

ER-CLEAN SAFETY

General cleaning detergent

Description

ProTank Safe is a detergent-based, neutral pH general cleaner. It is used to remove vegetable, animal and a small number of mineral oils, and to clean hydrocarbon-derived impurities on aluminium and zinc-silicate coated tanks.

Directions For Use/Applications & Dosage Rates General Cleaning

Initial-Wash

Before cleaning the tanks with ProTank Safe, rinse the tanks with hot water at 50°C for non-drying oils. For drying and semi-drying oil products, initial washing should be done with cold water or heated water + 10°C above the melting point if the product has high melting point and then drained immediately to prevent oxidation and re-solidification of the oils.

Method	Dosage	Apply Temperature	Washing Medium	Nr of Tanks to be Used
Recirculation via Tank Cleaning Machine	0,5-3%	35-60C	SW/FW/TFW	2-3*

SW: Sea Water / FW: Fresh Water / TFW: Treated Fresh Water

*: You can use the same solution for 2-3 tanks if the contamination is low.

Circulation Method

Prepare the cleaning solution in an empty slop tank or in a tank near the pump room. Afterwards, the solution is circulated in the tanks with the help of the heater and tank washing system. The chemical solution returns from the tank to the slop tank through the filtration circuit pipe. On some vessels, it may be necessary to make a temporary connection between the slop tank and the tank washing pump from the tank washing system heater to maintain the temperature of the chemical solution.

In order to ensure a sufficient volumetric amount in the continuous circulation of the chemical solution, the capacities of the slop tanks, pipelines and pumps must be carefully calculated. In addition to the amount of chemical solution, depending on the condition and size of the tanks to be cleaned, usually only 3 tanks are completely cleaned with a single chemical solution.

ProTank Safe is circulated in a 0.5-3% solution for 2-6 hours, depending on the contamination. The water temperature should be approximately 35-60°C and the tanks should be rinsed with plenty of water after circulation.

The product can be diluted in the appropriate proportion and can also be used for surface cleaning by using brushes and sponges.

Tank & Cargo Hold Cleaners

Summary

- It consists of non-ionic surfactants that dissolve well and foam less.
- It is an effective cleaner for mineral oils, gas oils, hydrocarbon products and chemicals.
- It is used to clean paraffin and remove unwanted bad odors.
- Can be used safely for cleaning almost all kinds of surfaces, including zinc-silicate coated tanks.
- It is also used as a hydrocarbon remover.
- It is a general cleaner that can be used to clean impurities on the outer surfaces of decks and ships. Environmentally friendly and safe for human health.
- It does not contain nonyl phenol ethoxylates or other estrogenic compounds.
- It does not contain solvents, acids, alkalis or phosphates.
- Suitable for use with seawater.

A) Organic Properties

Appearance

Physical State (20°C): Liquid
Color : Colorless
Odor : Soft

B) Physical Properties

pH (1% solution) : 7.0-8.0
Molecular Weight : -
Explosion Limit : -
Flash Point : -
Density : 1.00-1.10 g/cm³
Solubility : It mixes with water in all proportions.

Storage Conditions

Packaging Type : 25-30-200 liters sealed, original plastic drums
Storage Period : 3 years

Approvals & Certificates



Product No : SP-KS-038