

TankCare Neutral

Description

TANK CLEANERS

Product Code: 110007

NEUTRAL WATER-BASED TANK CLEANER FOR HYDROCARBON FREEING AND STRONG DEGREASING

- Concentrated and Natural: Powerful water-based tank cleaner
- Hydrocarbon-Freeing: Specialized for removing hydrocarbons
- Strong Degreasing Action: Effectively removes grease
- Gentle Formula: Suitable when strong alkaline cleaners are not recommended
- Safe for Coatings: Safe to use on epoxy and zinc-silicate coatings
- Versatile: Safe for use on ferrous alloys, tin, zinc, aluminum, and galvanized surfaces
- Residue-Free: Leaves no film
- Safe and Environmentally Friendly: Non-flammable formula
- Composition conforming to MARPOL ANNEX V

APPLICATION AREAS PROBLEMS SOLVED

Cargo tanks

Vegetable, fish and animal oils and fats

Zinc coated tanks

Hydrocarbon free cleaning

DESCRIPTION

TankCare Neutral is a potent degreaser formulated with highly efficient, low-foaming surfactants. It's the ideal solution for hydrocarbon freeing and a superior alternative to strong alkaline cleaners. It effectively tackles vegetable oil, animal oil, fish oil, mineral oil contamination, and fats.

TankCare Neutral eliminates odors, is cost-effective, easy to handle and apply, and is suitable for cleaning tanks coated with zinc-silicate and most common metals. While it can be used on epoxy coatings, its application is limited.

APPLICATION

Apply **TankCare Neutral** after hydrocarbon cleaning processes to achieve gas-free results. It's suitable for zinc-silicate coatings and most metal surfaces, including ferrous alloys, tin, zinc, aluminum, and galvanized surfaces. For epoxy coatings, use diluted **TankCare Neutral** at temperatures not exceeding 60°C.

USE AND DOSING

Instructions are based on experience and are meant only as a guide since circumstances for each tank cleaning operation vary. They are not intended to interfere with the judgment of the vessel's responsible personnel.

Before tank cleaning, prewash tanks with hot water at 50°C for non-drying oils. For drying and semi-drying oils, pre-clean with cold water immediately after cargo discharge to prevent oil residue oxidation and hardening.

Recirculation: Prepare the chemical solution in an empty slop tank or after tank near the pump room. Recirculate the solution using the automatic tank washing system pump and heater to the tank to be cleaned, returning the solution to the slop tank via the stripping line. In some ships, a temporary connection may be necessary between the slop tank, tank washing pump, and tank washing system heater to maintain the chemical solution's temperature. Carefully calculate the capacities of the slop tank, pipelines, pumps, etc., to ensure sufficient volumetric quantity for continuous recirculation. Due to the limitations of this method, typically only three tanks can be cleaned effectively with one chemical solution. A fresh chemical solution should be prepared and heated before continuing cleaning. Recirculate **TankCare Neutral** as a 5% solution for 2-6 hours at 35-60°C. Avoid using the entire initial solution; reserve some for boosting cleaning efficiency by adding a drum of fresh chemical before starting a new tank. After recirculation, thoroughly rinse the tanks with water. For remaining stains, apply undiluted **TankCare Neutral** directly to the stained area, let it soak, and then rinse with water.

Hand Spraying: Spray undiluted **TankCare Neutral** onto surfaces using a brush or spraying equipment. Thoroughly soak the tank surfaces and let the product act for at least 30 minutes. Rinse all tank surfaces with water at a maximum of 60°C for 45-60 minutes.

Hydrocarbon Free Cleaning: After cleaning with TankCare Plus or TankCare & Bilge and rinsing with hot freshwater, hand spray a 15% solution of **TankCare Neutral** in freshwater onto the hot tank surfaces. Let it act for at least 30 minutes. Rinse thoroughly with deionized water. If freshwater is used, steam the tanks afterward to remove chlorides that may delay passing the Wall Wash Test for Methanol.

PRODUCT PROPERTIES

Suitable for zinc-silicate coatings and most common metals. On epoxy coatings the product should be used diluted, with temperatures that do not exceed 60°C. It is recommended to test all cleaning chemicals on a small area of tank coating, before full scale application.

Appearance: Liquid

pH (undiluted): 7.5 ± 0.5

Density: $1.02 \pm 0.05 \text{ g/cm}^3$

Flash Point: None

General Instructions: Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.