

## TankCare Bright

### Description

#### TANK CLEANERS

**Product Code:** 110009

### **CONCENTRATED TANK CLEANER FOR WHITE RESIDUES OR STAINS ON EPOXY-COATINGS AFTER FATTY ACID CARGOES**

- **Removes White Residues:** Effectively removes white residues from epoxy coatings
- **Cleans Fatty Acid Residues:** Removes residues from fatty acids like Stearin, Olein, and Palm fatty acid
- **Versatile Cleaning:** Suitable for cleaning pipelines and tanks from rust and light stains
- **Surface Brightener:** Improves the appearance of surfaces
- **Corrosion Protection:** Cleans, passivates, and inhibits corrosion on ferrous metal surfaces
- **Tarnish Removal:** Removes tarnish from non-ferrous metals
- **Safe and Environmentally Friendly:** Solvent-free, non-flammable, and biodegradable
- **Easy to Use:** Simple and convenient to apply
- **Composition conforming to MARPOL ANNEX V**

#### **APPLICATION AREAS**

Cargo tanks  
Wing tanks  
Railings  
Rusted surfaces  
Pipelines

#### **PROBLEMS SOLVED**

White residues and stains that remain on tank coatings (Stearin, Olein, Palm fatty acid etc.)  
Rust  
Light stains from painted, ceramic and wooden surfaces  
Surface brightening

### **DESCRIPTION**

**TankCare Bright** is a premium, high-quality acidic tank cleaner formulated with surfactants to effectively remove white residues from epoxy coatings remaining after carriage of fatty acids (such as Stearin, Olein, Palm fatty acid etc.), stains, and upgrades coated cargo tanks. It's also suitable for cleaning pipelines and tanks from rust and light stains.

### **APPLICATION**

**TankCare Bright** is used on stained or corroded tank surfaces, pipes, and various metal surfaces. Not to be used on surfaces coated with Zinc Silicate coatings.

## 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 using **TankCare Bright**, it should be diluted. Because it is an acid, always add **TankCare Bright** to water, never the reverse. Always consult safety instructions and wear appropriate safety equipment. It is recommended to remove dirt, rust flakes, and heavy oil/fat contamination before applying chemicals.

**Recirculation Method:** Prepare a 2-5% solution of **TankCare Bright** in fresh water, adjusting the concentration for heavily contaminated surfaces. Recirculate the solution in the tanks to be cleaned for 2-6 hours. For optimal results, heat the solution to approximately 50°C. One solution typically cleans 3-4 tanks. Rinse the tank with seawater or freshwater.

**Spraying Method:** Prepare a 30-50% solution of **TankCare Bright** in fresh water. Spray the contaminated areas and avoid allowing the acid solution to dry on the surface. Rinse the tank with seawater or freshwater. Steam the tank if necessary.

**Removal of rust stains on painted surfaces:** Use an 8-25% solution and rinse off with water 15-20 minutes after application.

**Severely corroded surfaces and pickling of welding repairs:** Use a 50% solution, or even undiluted if necessary.

## PRODUCT PROPERTIES

Do not use on surfaces coated with Zinc Silicate coatings. Long term exposure may lead to corrosion of mild steel, cast iron, aluminum and alloys, brass, tin or galvanized material. It is recommended to test all cleaning chemicals on a small area of tank coating, before full scale application.

Appearance: Liquid

pH (undiluted):  $2.0 \pm 1.0$

Density:  $1.40 \pm 0.10 \text{ g/cm}^3$

Flash Point: None

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