

## CargoCare HF

### Description

#### CARGO HOLD CLEANERS

**Product Code:** 120001

#### **HIGH-FOAM HEAVY DUTY CLEANER FOR CARGO HOLDS ON BULK CARRIERS**

- Highly concentrated product
- Heavy duty water based alkaline cleaner for vertical surfaces on bulk carriers and OBOs
- Efficiently removes residual from cargoes like pet coke, coal, salts, sulphur, greases, waxes, vegetable and animal oils, sludge, soot, carbon deposits, dirt and grime
- Thanks to high foaming properties helps cleaning on vertical surfaces
- Can be used as a general maintenance cleaner for numerous cleaning applications
- Very cost effective
- Non-flammable
- Free from hydrocarbon solvents
- Biodegradable
- Composition conforming to MARPOL ANNEX V

#### **APPLICATION AREAS PROBLEMS SOLVED**

Cargo holds	Vegetable, fish and animal oils and fats
General cleaning	Greases
Deck	Wax deposits
Railings	Pet coke
	Coal
	Oily cargoes
	Sludge
	Carbon deposits
	Dirt and grime

### DESCRIPTION

**CargoCare HF** is a powerful product, designed to remove heavy-duty residues from the cargo holds of bulk carriers or OBOs without damaging the paint or posing risks to users. It can clean surfaces to a water-white standard. Its advanced formula produces a dense foam that adheres longer to vertical surfaces, significantly enhancing its cleaning effectiveness. This allows for easier removal of hard-to-reach residues, reducing ship changeover time.

**CargoCare HF** is a highly concentrated alkaline cleaner that contains specialized detergents, surfactants, and corrosion inhibitors. It is water-based, eco-friendly, non-flammable, free from hydrocarbon solvents, and biodegradable.

## APPLICATION

Ideal for cleaning after most dry cargoes, this product efficiently removes stains and discolorations left behind by materials like pet coke, coal, and other oily substances. It's also effective for eliminating greases, waxes, vegetable and animal oils, sludge, soot, carbon deposits, dirt, and grime. Perfect for switching cargoes from black to white standards, it can also be diluted for regular maintenance cleaning.

Suitable for most painted surfaces, leaving a good shine when dried; not suitable for 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.

Prepare a 10-25% solution of **CargoCare HF** in fresh water. Spray the solution on the surface using spray foam equipment. Let the solution soak for 20-30 minutes and then wash off thoroughly with high pressure water. Repeat the procedure if necessary. Don't let chemicals dry on the surface, always wash off before.

If surfaces are highly contaminated, a preliminary cleaning is required to get rid of excess residues and higher dosages of the product may be also used.

For general cleaning use, dilute at about 5% or appropriately, depending on the contamination. Conventional cleaning methods, such as brushing, scrubbing or spraying are used. Always leave the product for 15-20 min and then rinse off with fresh water before the product dries on the surface.

## PRODUCT PROPERTIES

Concentrated product is incompatible with aluminum, zinc, tin and their alloys. It is recommended to test all cleaning chemicals on a small area of tank coating, before full scale application.

Appearance: Liquid

pH (undiluted):  $13.0 \pm 1.0$

Density:  $1.12 \pm 0.07 \text{ g/cm}^3$

Flash Point: None

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