



CARGO HOLD CLEANERS



HOLDCLEAN XF

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

DESCRIPTION

HOLDCLEAN XF efficiently removes heavy duty residues from the cargo holds of bulk carriers or OBOs, without harming the paint nor the end users. It can be used up to "water-white standard". Thanks to its special formulation, it creates a dense foam that sticks longer on the vertical surfaces, thus increasing its cleaning power dramatically. Hard to reach residues are more easily removed and the ship saves on changeover time. **HOLDCLEAN XF** is a highly concentrated alkaline product, containing special detergents, surfactants and corrosion inhibitors. It is water based, eco-friendly, non-flammable, free from hydrocarbon solvents and biodegradable.

HOLDCLEAN XF is an IMO approved tank cleaner. Only cleaners registered in Annex10 of IMO's MEPC.2/Circular can be used and disposed of at sea for cargo tank cleaning, when the cargo residue slops are disposable at sea. Its composition meets the criteria for not being harmful to the marine environment according to MARPOL ANNEX V.

APPLICATION

Perfect for cleaning after most dry cargoes. Effectively removes stains and discolourations after discharge of cargoes such as pet coke, coal and other oily cargoes. Also use to remove greases, waxes, vegetable and animal oils, sludge, soot, carbon deposits, dirt and grime. Can be used to alternate cargoes from black to white standards. It can be diluted further, for great maintenance cleaning.

Suitable for most painted surfaces, leaving a good shine when dried. Not suitable for zinc silicate coatings. In this case, use **ULTRA POWER**.

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 **HOLDCLEAN XF** 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.

- ✓ Highly concentrated product
- ✓ Heavy duty water based alkaline cleaner for vertical surfaces on bulk carriers and OBOs
- ✓ Efficiently removes residuals 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
- ✓ Used as a general maintenance cleaner - numerous cleaning applications
- ✓ Non-flammable
- ✓ Free from hydrocarbon solvents
- ✓ Biodegradable
- ✓ Composition conforming to MARPOL ANNEX V

PROBLEMS SOLVED

- ✓ Hard to clean areas and vertical surfaces
- ✓ Tough to clean residuals from cargoes like pet coke, coal, salts, sulphur, greases, waxes, vegetable and animal oils, sludge, soot, carbon deposits, dirt and grime

APPLICATION AREAS

- ✓ Cargo holds, tanks, decks and other surfaces
- ✓ General cleaning

PRODUCT CODE: MC 082

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

Appearance:	Liquid	pH (undiluted):	Alkaline
Type:	Water based	Flash Point:	None