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# CARGOCLEAN HD 25 LTR

Product group: **652**    Product number: **779104**

Unitor CargoClean HD™ is a heavy duty alkaline cleaner with cutting-edge cleaning technology newly formulated for cleaning cargo holds on bulk carriers.



## Product information

Unitor CargoClean HD™ is a unique combination of strong alkaline ingredients with selected additives enabling best and reliable cleaning results time after time. This micro emulsion cleaner is especially designed for the toughest and dirtiest cargos such as oily coal and petcoke. As well it will powerfully clean off most common dry cargos around.

By use of proper cleaning equipment, such as the Unitor™ Cargo Hold Cleaning kits, the dense foam created will contribute to enhanced cleaning efficiency and reduced consumption.

**\*\* Storage Instructions:** CargoClean HD should be stored at temperature above 15 °C. Below 15 °C the product can form precipitation.

### Features

- New formula; highly effective and very economical in use
- Advanced heavy duty alkaline cleaner
- Reduces the impact of external factors such as water quality and temperature
- Ideal for cleaning after dirty petcoke, coal and other difficult cargoes
- Safe on epoxy coatings
- Designed and compatible with Unitor™ Cargo Hold Cleaning equipment
- Does not contain nonyl phenol ethoxylates or other estrogenic compounds

### Benefits

- Saves cleaning time and cleaning chemicals
- Predictable cleaning results
- Complies with MARPOL Annex V
- Complies with all environmental regulations and the EU Detergent Regulation
- Less plastic waste

## Specification

### General

<b>Invent Hazard Material (IMO/EU) classification</b>	C-49
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### Physical properties

<b>Appearance</b>	Colourless to pale yellow
<b>Density [g/ml]</b>	1,030 - 1,055
<b>Form</b>	Liquid
<b>pH</b>	>13

### Technical data

<b>Not Compatible</b>	The concentrated product may react with aluminium, zinc, tin and their alloys
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## Approvals

This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.

## Documents

[SDoC and MD for IHM](#)

## Directions for use

### Cargo Hold Cleaning:

When Unitor CargoClean HD™ is applied with the Unitor™ Cargo Hold Cleaning kit the dense foam created will prolong the contact time, contribute to improved cleaning efficiency and more economical use of the cleaning product. CargoClean HD™ effectively removes dirty cargoes like coal and petcoke and is used for cleaning when going

from black to white cargos. CargoClean HD™ can be used for removal of the most dry cargoes including soot, carbon deposits, fish meal and other bulk materials. Unitor™ CargoClean HD should not be used on zinc coatings.

#### **Dosing and application method**

Apply Unitor CargoClean HD™ mixed 10% in fresh water (ratio 1:9), using the Unitor foam nozzle

To avoid loss of cleaning effect always apply the cleaning solution from bottom and upwards.

Leave for 10-15 minutes. During this time the surface must remain wet with the cleaning solution.

Wash down with a high pressure jet or Unitor™ Cargo Hold Cleaning kit. For best results, direct the high pressure jet at the lowest parts of the holds first and work upwards

Repeat the cleaning procedure if necessary

Always perform final rinse with fresh water after wash down to avoid salt residues on the surface

Rinse the equipment with fresh water after usage and before storage

For more details refer to the Unitor™ Cargo Hold Cleaning quick guide.

In cleaning operations freshwater should always be preferred to seawater

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#### **Related products**

Is consumable by

**778855**

PANAMAX CARGO HOLD CLEANING KIT

**778955**

UNITOR CARGO HOLD COMPACT KIT

Is frequently bought together with

**778855**

PANAMAX CARGO HOLD CLEANING KIT

**779092**

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