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# ALKLEEN LIQUID 210 LTR

Product group: 033      Product number: 756255

Unitor<sup>TM</sup> Alkleen Liquid<sup>TM</sup> is a heavy duty water based alkaline tank cleaner, containing natural based detergents. For zinc silicate coatings use Unitor<sup>TM</sup> Alkleen Safety Liquid<sup>TM</sup>



## Product information

This product supersedes product no: 571547

Unitor<sup>TM</sup> Alkleen Liquid<sup>TM</sup> is a powerful cleaner for the cleaning of cargo tanks after discharge of drying, semi-drying and non-drying natural oils and fats. Unitor<sup>TM</sup> Alkleen Liquid<sup>TM</sup> can be used for tank sanitising and deodorising prior to changing to foodstuffs. To achieve the high standard of cleanliness required, a final wash will be necessary by using this product.

Unitor<sup>TM</sup> Alkleen Liquid<sup>TM</sup> has been evaluated by the BLG Working Group on the Evaluation of Safety and Pollution Hazards of Chemicals (ESPH) and found to meet the requirements of paragraph 13.5.2 of the MARPOL Annex II and is consolidated into annex 10 of the MEPC.2/Circular.

### Features

- Powerful alkaline tank cleaner containing detergents
- The emulsifying agents are biodegradable
- Non-flammable
- Non-corrosive to ferrous metals and epoxy coatings
- IMO approved and listed in Annex 10 of the MEPC.2/Circular

### Benefits

- Rapid penetration and emulsification of vegetable, animal and fish oils with rapid rinsing
- Removes hardened oxidised oil and grease deposits and can be used as heavy duty cargo tank cleaner following discharge of drying, semi-drying and non-drying natural oils and fats
- Can also be used as final treatment for cleaning tank from black to white or grain
- Can be used for hydrocarbon freeing of cargo tanks

## Specification

### General

Invent Hazard Material (IMO/IU) classification	C-49
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### Physical properties

Appearance	Colorless to Pale yellow
Density [g/ml]	1,165 - 1,185
Form	Liquid
pH	13

### Technical data

Not Compatible	Corrosive to aluminum, magnesium, zinc and tin.
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## Approvals

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## Documents

[SDoC and MD for IHM](#)

## Directions for use

Immediately after use the cargo has been discharged , the tanks should be flushed with cold water to prevent polymerisation and evaporation of the lighter fractions. Whenever possible, the cleaning solution of 0.2-3% in fresh water should be heated to 60-80°C. However, the polymerising nature of some natural oils demand lower cleaning temperatures.

### Dosing method

The most economical method to use Unitor<sup>TM</sup> Alkleen Liquid<sup>TM</sup> is by direct injection followed by recirculation washing by using tank cleaning machines.

If this method is not possible, use of other methods such as recirculation or hand spraying.

When changing refrigerated cargoes the need may arise to clean holds to remove animal or vegetable fat to sanitise and deodorise before the next cargo. A solution of 5-10% in fresh water can be used for this purpose, and may be sprayed on and rinsed off by using hot water and high pressure.

**Related products**

Is frequently bought together with

- 766097**  
TANKLEEN BRIGHT 190 LTR
- 571521**  
ALKLEEN SAFETY LIQ 210 LTR
- 571489**  
TANKLEEN ADVANCE 210 LTR