



## MarClean MB

### - Acid Based NLS Cargo Tank Cleaner

#### Description:

Highly concentrated acid cleaner based on citric acid. Used for removal of white residues like metal soaps from vegetable oils, fatty acids and carbonates from sodium and potassium hydroxides as well white residues from amines. This product has excellent environmental profile with a low water hazard class 1. Contains no VOC and safe to use on coatings.

- Leaves no film in the cargo tanks.
- Non-flammable.
- Fully biodegradable.
- Effective and economical in use.
- Approved by IMO.
- Approved by major coating manufacturers.

#### Direction for Product Use:

##### *Re-circulation method:*

1. Mix a solution of 0.5 - 2 % MarClean MB in fresh water.
2. Re-circulate the solution in the tanks to be cleaned for 2 to 6 hours. One is usually sufficient to clean 3 - 4 tanks.
3. Rinse the tank with seawater or freshwater.

##### *Spray method:*

1. Mix a solution of 30-50 % MarClean MB in fresh water.
2. Spray solution on contaminated areas.
3. Don't allow the acid solution to dry on surface
4. Rinse the tank with seawater or freshwater.
5. Steam the tank if necessary.



High Quality Cleaning  
Chemicals since 1994

Quality Without  
Compromise

Approved By



**MARPOL**  
International Convention for the Prevention of Pollution from Ships

Coating  
Manufacturers

TECO Chemicals AS  
Lilleakerveien 6D  
0283 Oslo  
Norway

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+47 67 200 300

Read the Material Safety  
Data Sheet and Safety  
Handling Sheet before using  
this product.

Use protective equipment  
and comply with disposal  
considerations.

Updated MSDS and Safety  
Handling Sheets are  
available on  
[WWW.TECOCHEMICALS.COM](http://WWW.TECOCHEMICALS.COM)

# IMO Approved & Tank Coating Manufacturer Approved

MarClean MB is approved by MARPOL / IMO in accordance with MEPC.1/Circ. 590. MarClean MB can safely be disposed into seawater without being harmful to the marine environment. MarClean MB is in compliance with MARPOL Annex V, and is also approved by major coating manufacturers.

**TECO**

High Quality Cleaning Chemicals since 1994

## Properties

Physical state	: Liquid
Odour	: Odourless
Colour	: Colourless
Solubility in water	: Completely Soluble in Water
Density	: 1.25 g/cm <sup>3</sup>
pH	: 2.0

## Packing

MarClean MB is accessible in 25ltr pails and 200ltr drums.

## Stock Availability



TECO Chemicals – Available in



CODE: 3713



CODE: TN-262299



CODE: VIF-B89



TECO Chemicals AS

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