



## MarClean XP

### - Fat and Hydrocarbon for Zinc Coated Tanks

#### Description:

MarClean XP is a water based, non-caustic cleaning and degreasing agent. It is based on the latest and most powerful biodegradable surface-active and emulsifying agents. It contains ethoxylates, sulphonates, glycosides and complexing agents. It works well in hard, soft, ambient and hot water. It is ideal for cleaning after all types of vegetable oils, animal oils, fats, wax's, luboils and other containing hydrocarbons. MarClean XP is very efficient when applied using high pressure.

- Non-Flammable
- Leaves no Film in the Cargo Tanks
- Easy to Apply, Effective and Economical in Use
- Suitable in Sea & Fresh Water
- Contains no Ethoxylated Nonylphenol (NF)
- Biodegradable
- Suitable for use on Stainless Steel, Epoxy as well as Zinc Coated Tanks.

#### Direction for Product Use:

Prior to use of any chemicals, make sure the tanks and lines are well stripped and drained. A proper pre-cleaning will reduce the amount of chemicals required. Further, do not overheat as this may change the characteristic of the cargo and in some cases burn the cargo to the bulkhead. Carefully read the cargo specification.

For vegetable, animals, and fats: Tanks containing drying or semi-drying oils should be flushed or pre-washed or moisten as soon as possible after completion of discharging to prevent formation of hard tenacious residues.

The temperature used for pre-cleaning will depend on whether the cargo is drying, semi-drying or non-drying, and the cargoes melting point. Thus an individual cleaning operation should be made for each cargo.

Due to the fact that the zinc is porous, a prolonged pre-cleaning with lower temperatures is highly advisable prior to introduction of chemicals on such lining.

#### Re-Circulation:

1. Flush tanks with ambient seawater to remove remaining cargo to slop. (As per MARPOL 78/73)
2. Recycle tanks with increasing temperature for 2-8 hr, depending cargo and size of tank. This is a very important operation, as it will remove oily-mud and residues in the coating/steel.
3. Make a mixture with fresh water and 2-5 % MarClean XP. Insert the mixture into the tank and commence the re-circulation wash for 2-8 hr. Increased temperatures will improve the cleaning result. Maximum effect from chemical at 650C. Do not overheat, as this may burn the cargo.
4. Flush tanks with large amount of warm seawater (2-4 hr) to remove any residues of Chemicals.
5. Flush tanks with freshwater to remove salts, mop and dry.



## Spot Cleaning after most CPP / Hydrocarbons

1. MarClean XP may be sprayed on the bulkhead neat or diluted, to areas where residues remain after tank washing, "Spot Cleaning". A heated dilution is found to be very efficient.
2. Product should be allowed to stand for 10-30 minutes prior to re-washing areas. Do not leave the product to dry on bare coating.
3. Clean areas by flushing manually with high pressure, using fresh water, or by performing a re-circulation. For persistent deposits, agitation by scrubbing will assist the cleaning operation. Heated water will increase the cleaning effect

## IMO Approved & Tank Coating Manufacturer Approved

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

### Caution!

This product can be used on zinc coating.

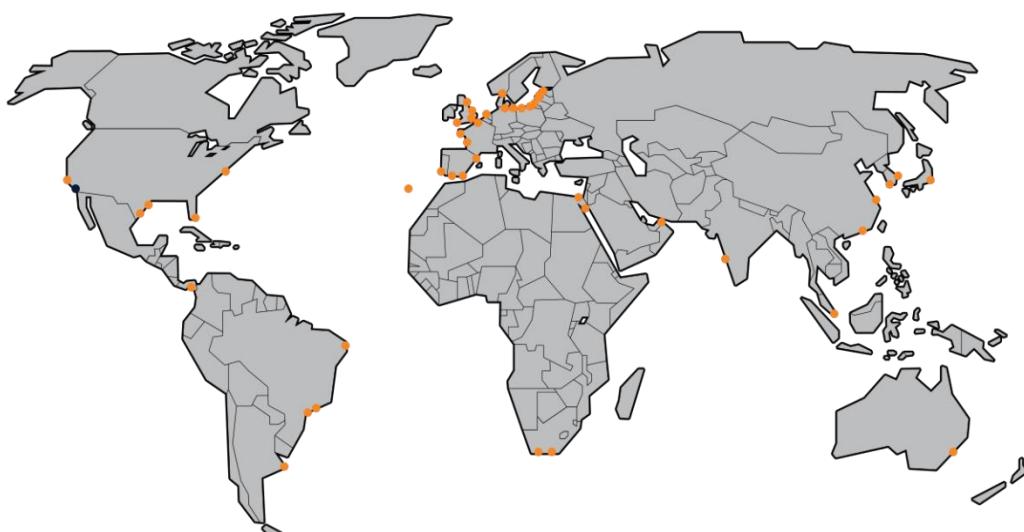
### Properties

Physical state	: Liquid
Odour	: Mild
Colour	: Amber
Solubility in water	: Soluble in Water
Density	: 1.01 – 1.03 g/cm <sup>3</sup>
pH	: 8.0 – 9.0

### Packing

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

### Stock Availability



### TECO Chemicals – Available in



This information is based on data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply this product properly. We assume no responsibility for results or damages incurred from their use by the Buyer. No liability (including liability for negligence) will attach to TECO Chemicals or its servants or agents arising out of or in connection with or in relation to this product information. This sheet from 20/02/2022 supersedes all older versions.



High Quality Cleaning Chemicals since 1994

Quality Without Compromise



**MARPOL**

Coating Manufacturers

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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)