



**Vecom Marine**

*clean ships - clean seas*

**MARISOL**

(Steamclean HPC-NF)

Medium duty water-based cleaning agent containing alkaline salts and surfactants

- Designed for high pressure cleaning machines
- Non-caustic alkaline cleaner
- Tank cleaning of vegetable, animal and mineral oil residues
- Degreasing of heat exchangers, condensers, etc.

For product characteristics and for the nature of special risks and safety advice consult our Material Safety Data Sheet.

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## APPLICATIONS

- Cleaning of soft and light, non oxidized vegetable and animal oil residues from tank surfaces
- Suitable for use on most tank coatings including aluminum, zinc alloy and other light metal alloys
- Cleaning of steam sides of condensers
- Cleaning of oil and grease residues in heat exchangers, pre-heaters etc.

## ADVANTAGES

- Light detergent power
- Leaves grease-free surfaces
- Rapid penetration
- Rapid rinsing
- Can be used on ferrous metals, aluminum, tin, zinc, copper and their alloys
- Saves time and reduces labor costs
- Non corrosive
- Non caustic
- Non flammable

## DIRECTIONS FOR USE - PRODUCT DOSAGE

### HIGH PRESSURE WORK

For high-pressure work allow *MARISOL* to penetrate for 3 to 5 minutes before washing off to prevent *MARISOL* from drying on the surface to be cleaned and forming edges; keep it damp. Cleaning effect is greatly increased by working with warm water.

For high-pressure work dilute 1 lt. *MARISOL* wit 5 lt. of water.

### TANK CLEANING

- Cleaning of tanks should, if possible, be carried out immediately after discharge of contents.
- *MARISOL* should be mixed in a 2% to 5% solution with fresh water and applied at a temperature above 60°C where possible. Use approx. 0,5 lt. per square meter in case of 1 mm thickness of deposit.
- For solutions with salt water we recommend dosage amount should be 1½ times greater than the amount required with fresh water.
- Apply by circulation, spray, steam or soak. For fast and efficient cleaning best results are obtained by using fixed and portable tank cleaning machines such as Butterworth or similar.
- Flush out tanks after final cleaning, preferably with fresh water.

## CLEANING CONDENSERS OR HEAT EXCHANGERS

- Prepare a 5% solution of *MARISOL* with fresh water.
- Apply by circulation for 24 hours, or by filling condenser or heat exchanger approx. half full, heating and agitating by steam lance or auxiliary steam line. A temperature of 60°C to 90°C should be maintained during cleaning process.
- Drain and thoroughly flush with fresh water.