

## MARISOL

### 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.

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## MARISOL

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.

### PRODUCT CHARACTERISTICS

Appearance:	clear liquid
Specific gravity:	1 (20°C)
pH 1% solution:	10
Flash point:	none

IMO Class:	not regulated
UN Number:	not regulated
ADR:	not regulated

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## 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.

## NATURE OF SPECIAL RISKS AND SAFETY ADVICE

In accordance with the latest EEC Council directives this product is subjected to:

- |           |   |
|-----------|---|
| R36/38    | : Irritating to the eyes and to the skin                              |
| S2        | : Keep out of reach of children                                       |
| S24/25    | : Avoid contact with skin and eyes                                    |
| S36/37/39 | : Wear suitable protective clothing, gloves and eye / face protection |