

MARISOL

Water Based Medium-Duty Alkaline Cleaner

Technical Information

Physical Data

Appearance:	Clear liquid
pH in 1% solution in water:	10
Apparent Specific gravity:	1

DESCRIPTION

MARISOL is an alkaline cleaning agent that contains alkaline salts and surfactants.

APPLICATION

- ▶ 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 the steam sides of condensers.
- ▶ Cleaning of oil and grease residues in heat exchangers, preheaters, etc.

DIRECTIONS FOR USE - PRODUCT DOSE

High-Pressure Work

For high-pressure work, allow MARISOL to penetrate for about 3 to 5 minutes before washing it 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 liter of MARISOL with 5 liters of water.

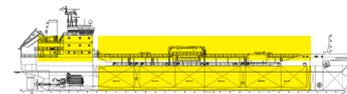
Tank Cleaning

Cleaning of tanks should, if possible, be carried out immediately after the discharge of contents. The product should be mixed in a 2% to 5% MARISOL solution with fresh water and applied at a temperature above 60°C where possible. Use a volume of MARISOL of approximately 0.5 liters per square meter for each 1 millimeter thickness of the deposit. For solutions with salt water, we recommend dosage amounts should be 1 1/2 times greater than the amount required with fresh water. Apply by circulation, spray, steam, or soak. For fast and efficient cleaning, the best results are obtained by using fixed and portable tank cleaning machines such as Butterworth or similar. Flush the tanks out 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 the condenser or heat exchanger approximately half full, heating and agitating with a steam lance or auxiliary steam line. Maintain a temperature of 60°C to 90°C during the cleaning process. Drain thoroughly and flush with fresh water.

USAGE AREAS



Tank Cleaning and Maintenance

PACKAGING



APPROVALS



IMO APPROVED
MEPC.2 ANNEX 10

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Health Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

Contact

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