

ULTRASONIC MULTICLEANER

Water Based General Purpose Detergent

Technical Information

Physical Data

Appearance:	Yellowish
Specific gravity (at 20°C):	1.02
Flash point (PMCC):	None
pH (1% solution):	≈ 11.5
Contains:	≈ 8% Sodium Hydroxide

Description

- ▶ Suitable for use on all common metals (except zinc and some magnesium alloys)
- ▶ Designed for ultrasonic equipment
- ▶ Easy to dispose
- ▶ Low foaming so can be used in cleaning machines (Bumpy Cleaners)

The cleaning of heavily contaminated fuel and lubricating oil filter, cylinder heads, and air coolers often presents challenges. Using a cleaning agent alone is generally unsatisfactory because it only removes a portion of the deposits, leaving behind carbon residues and other solid materials in most cases. In such situations, the use of ultrasonic sound waves in combination with a special cleaning agent yields good results. The ultrasonic process removes the contamination in the liquid, while the detergents in the cleaning agent disperse the contamination in the liquid, and the complexing agents partly dissolve it. ULTRASONIC MULTICLEANER has been developed for use in ultrasonic baths for the cleaning of all materials except zinc, galvanized parts, and some magnesium alloys.

Application

ULTRASONIC MULTICLEANER is used in ultrasonic cleaning baths and in cleaning machines.

Directions for Use

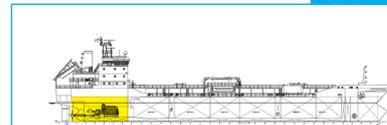
Product Characteristics

ULTRASONIC MULTICLEANER is a low foaming mild alkaline liquid. It can be used on all common metals except zinc, galvanized materials, and some magnesium alloys. We advise to test light-metal alloys (aluminum / magnesium alloys, etc.) i.e. pistons, turbo blower parts, etc. in advance for 5-10 minutes. Suitable for use on synthetic materials, rubber, and cured lacquers.

Ultrasonic Cleaning Bath

The components to be cleaned can, if necessary, be degreased with COLDWASH or CLEAN BREAK or LECTRO CLEAN FAST, depending on the degree of contamination. ULTRASONIC MULTICLEANER should be used in a 5-25% solution in water at a temperature of 50-70°C. Dismantle the equipment to be cleaned (i.e., remove top and bottom rings from filter candles), put the components in the bath taking care that the elements are completely immersed and kept separate. We recommend a cleaning time of 5-30 minutes but longer if necessary. Take the

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elements out of the bath and spray with a powerful water-jet. After drying, TANKOTE or NAVALAN 402 can be used to preserve the elements. The cleaning solution has to be renewed and the bath cleaned regularly, because in a contaminated bath the parts cannot be cleaned effectively.

Cleaning Machines

ULTRASONIC MULTICLEANER is, depending on the nature and degree of contamination, applied in an approx. 4% solution in cleaning machines. The contaminated object must be placed in the machine and cleaned for 30-60 min. at a temperature of 80-90°C. Finally rinse with water.

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.

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