

APPLICATION

The cleaning of heavily contaminated fuel and lubricating oil filters, cylinder heads and air coolers is often difficult. The use of only a cleaning agent is generally unsatisfactory, as only a part of the residues will be removed. In most cases carbon residues and other solid materials will be left behind. In these cases the use of ultrasonic sound waves in combination with a special cleaning agent gives good results. The special detergents in the cleaning agent keep the contamination dispersed in the liquid and the complexing agents will partly dissolve them. *ULTRASONIC MULTI CLEANER* has been specially developed for use in ultrasonic baths for the cleaning of all materials except zinc, galvanized parts and / or magnesium alloys. We advice to test light-metal alloys (aluminum, magnesium etc.) i.e. pistons, turbo-blower parts etc. in advance for 5 - 10 minutes.

DIRECTIONS FOR USE

IN ULTRASONIC CLEANING BATH

The components to be cleaned can, if necessary, be degreased with *COLD WASH* or *UNICLEAN BREAK* or *LECTROCLEAN FAST*, depending on the degree of contamination. *ULTRASONIC MULTI CLEANER* should be used in a 5 - 25% solution in water at a temperature of 50°C - 70°C. Dismantle the equipment to be cleaned (i.e.: remove top and bottom rings from the filtercandles), 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 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 can not be cleaned effectively.

IN CLEANING MACHINES

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



ULTRASONIC MULTI CLEANER

Multipurpose cleaning liquid
for use in ultrasonic baths
and cleaning machines

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

PRODUCT CHARACTERISTICS

Appearance:	clear liquid
Corrosive action:	not suitable for use on zinc, galvanized materials and some magnesium alloys
Specific gravity:	1,19-1,3 (20°C)
pH 1% solution:	>13
Flash point:	none
IMO Class:	8 / II
UN Number:	1824
ADR:	8.42b)

UNIservice

UNIClean

UNIGas

UNI marine
s a f e t y

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NATURE OF SPECIAL RISKS AND SAFETY ADVICE

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

- R35 : Causes severe burns
- S2 : Keep out of reach of children
- S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S27 : Immediately take off all contaminated clothing
- S36/37/39 : Wear suitable protective clothing, gloves and eye / face protection
- S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible)