



**MARINE  
CARE**

# CARECLEAN ULTRASONIC

## Cleaning liquid for use in ultrasonic cleaning baths and cleaning machines

- Environmental friendly
- Biodegradable
- Non Toxic
- Water based
- Low foaming
- Approved by:  
> Marinfloc

### DESCRIPTION

Careclean Ultrasonic is a water based alkaline cleaning product to be used in ultrasonic cleaning baths for all type of machinery parts and tools. Careclean Ultrasonic contains high effective inhibitors for cleaning most light alloy parts in an alkaline product.

### ADVANTAGE

- suitable for use on all common metals (except zinc and some light alloys)
- designed for ultrasonic equipment
- easy to dispose
- low foaming, can be used in machinery parts washing machines

### APPLICATIONS

The cleaning of heavily contaminated fuel and lubricating oil filters, cylinder-heads and aircoolers often give problems and do take a lot of manual cleaning time. The use of a cleaning agent only is in general unsatisfactory, the deposits will only be removed partly. In most cases carbon residues and other solid materials will remain. In such cases the use of ultrasonic power in combination with a special cleaning agent gives good results. The contamination will be removed by the ultrasonic process in the liquid, the special detergents in Careclean Ultrasonic are keeping the contamination dispersed in the liquid and the complexing agents will partly dissolve them. Careclean Ultrasonic has been developed for the use in ultrasonic baths for the cleaning of all materials except zinc (galvanized parts) and some light alloys.



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## DIRECTIONS FOR USE

### *Ultrasonic Cleaning Baths*

The components to be cleaned can, be pre-cleaned with, for example: Careclean Quick Split or any other non-emulsifying degreaser. Depending on the degree of contamination, Careclean Ultrasonic should be used in a 5 - 25 % solution in water at a temperature of 50 - 60 °C. Dismantle the equipment to be cleaned (i.e. : remove top and bottom rings from filters), put the components in the bath making sure that the components are completely immersed and kept separate.

For the cleaning of light alloys use a dilution of maximum 10 % and a maximum cleaning temperature of 50 °C.

We recommend a general cleaning time of 5 - 60 minutes, and longer if necessary. Take the objects out of the bath and spray with a powerful waterjet. After drying, a preserving agent can be applied. The cleaning solution has to be renewed and the bath has to be cleaned regularly, because in a contaminated bath the parts cannot be cleaned effectively. For maintenance of the bath the oil layer can be skimmed.

### *Machinery parts washing machines*

Careclean Ultrasonic is, depending on the nature and degree of contamination, applied in approx. 5 % solution in washing machines.

The contaminated objects must be placed in the machine and cleaned for 30-60 min. at a temperature of 80 - 90° C. Finally rinse with water.

Careclean Ultrasonic can be used on all common metals except zinc, galvanized materials and some magnesium alloys. We advise to test light alloys, i.e. pistons, turboblower parts etc., in advance for 5 - 10 minutes at a temperature of max. 50 C°.

Suitable for use on synthetic materials, rubber and cured lacquers.

## ULTRASONIC EQUIPMENT

Marine Care supplies standard ultrasonic cleaning bath (40 - 200 liters) as well as custom build ultrasonic cleaning tanks up to 10.000 liters.

## DOSAGE

See directions for use.

## PROPERTIES

Article number	14703
pH	11,5
Density	1,19 g/cm <sup>3</sup>
Flashpoint	None
Physical state	Liquid

## APPROVALS

Marinfloc Approved OWS Compatible

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

This information is based on data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply this product properly. We assume no responsibility for results or damages incurred from their use by the Buyer. No liability (including liability for negligence) will attach to Marine Care or its servants or agents arising out of or in connection with or in relation to this product information.

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