

MAINTENANCE

C.T. ULTRASONIC CLEANER

MULTIPURPOSE CLEANER/DEGREASER,
FOR ULTRASONIC TREATMENT



DESCRIPTION

C.T. ULTRASONIC CLEANER is a water-based multipurpose cleaning liquid for use in ultrasonic baths and cleaning machines. It is free from hydrocarbon solvents.

APPLICATION

The cleaning of heavily contaminated fuel and lubricating oil filters, cylinder heads and air coolers is often difficult. The results from only using cleaning agents, are generally unsatisfactory, as only part of the residues will be removed. In most cases carbon residues and other solid materials will remain. For these demanding situations, a combination of an ultrasonic bath with a special cleaning agent gives optimal results. The special detergents in the cleaning agent keep the contamination dispersed in the liquid and the complexing agents will partly dissolve them. **C.T. ULTRASONIC CLEANER** has been specially developed for use in ultrasonic baths for the cleaning of all materials except zinc, galvanized parts and/or magnesium alloys. It is advised that light-metal alloys (aluminium, magnesium, etc.), e.g. pistons, turbo-blower parts, etc. are tested in advance, for 5 - 10 minutes.

USE AND DOSING

Ultrasonic Cleaning Baths:

Depending on the degree of contamination, use **OIL & GREASE CLEANER** or **DEGREASER SUPER**, to degrease the components to be cleaned, if necessary.

C.T. ULTRASONIC 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 filter candles), put the components in the bath, taking care that the elements are completely immersed and kept separate.

A cleaning time of 5-30 minutes is recommended, but longer may be necessary. Take the elements out of the bath and spray with a powerful water jet. The cleaning solution must be renewed and the bath cleaned regularly, because in a contaminated bath the parts cannot be cleaned effectively.

Cleaning Machines: **C.T. ULTRASONIC CLEANER** is applied, depending on the nature and degree of contamination, in a solution of about 1-5% 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.

PRODUCT PROPERTIES

Concentrated product is incompatible with aluminum, zinc, tin and their alloys. It is recommended to test all cleaning chemicals on a small area of the object to be cleaned, before full scale application. General Instructions: Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.

Appearance:	Liquid	pH (undiluted):	Alkaline
Type:	Water based	Flash Point:	None

- ✓ Designed for ultrasonic equipment
- ✓ Easy to use & easy to dispose of
- ✓ Water-based
- ✓ Removes oil, grease, carbon deposits, soil and grime
- ✓ Non-flammable
- ✓ Suitable for use on all common metals (except zinc and some magnesium alloys)
- ✓ Free from hydrocarbon solvents
- ✓ Keeps the softened deposits in suspension and stops the contaminant from re-depositing
- ✓ Very economical to use
- ✓ Low foaming, can be used in cleaning machines

PROBLEMS SOLVED

- ✓ Oil
- ✓ Grease
- ✓ Carbon deposits
- ✓ Soil
- ✓ Grime

APPLICATION AREAS

- ✓ Ultrasonic Cleaning Baths
- ✓ Cleaning Machines

PRODUCT CODE: MC 088

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

ALPHA CHEMICAL PRODUCTS SA or any subsidiary or associated companies makes no warranties or representation, expressed or implied, as to the accuracy or completeness of the information data contained herein. ALPHA CHEMICAL PRODUCTS SA disclaims all implied warranties of merchantability and fitness for a particular purpose and shall have no obligation or liability for incidental or consequential damages, of any nature, including, without limitation, lost profit, loss of income, loss of business opportunity and any other related costs and expenses.