



PRODUCT DATA SHEET

**PRODUCT
ULTRASOUND CLEANER**

Company Details

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ULTRASOUND CLEANER

DESCRIPTION

ULTRASOUND CLEANER is excellent for cleaning and degreasing machines and their components, tools, equipment and parts in industry, handicraft and laboratories. It is also used for cleaning of heavily soiled respirators (face masks) and protective work equipment.

ULTRASOUND CLEANER has been especially designed for cleaning in ultrasonic cleaning units, as well as for cleaning by immersion, wiping or high- pressure techniques.

APPLICATIONS

Application with ultrasound

Dosage: 3 - 5%
Sonication time: 1 – 10 minutes
Temperature: 20 – 80°C

Application without ultrasound

Dosage: 1 – 10%
Immersion time: up to 12 hours
Temperature: 20 – 80°C

INFORMATION FOR APPLICATION

Ensure that the surface of objects is completely immersed. Hollow objects need be immersed in a way that air can completely escape from the cavities. Concentration and time of application depend on type and degree of contamination. After cleaning, rinse parts thoroughly in water. For spotless drying, rinse with demineralized water.

Respirators (face masks) and protective work equipment must be cleaned according to the manufacturer's specifications. If used correctly, a fast and gentle cleaning is achieved

MANCHEM UNIVERSAL CLEANER REMOVES:

Common soiling, grinding, polishing, and lapping residues, oily and greasy residues, dust, soot, etc. from:
Metals, light metals, glass, ceramics, plastics, rubber, windows, glasses, E-filters, respirators (face masks).



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PROPERTIES

Highly concentrated
Corrosion protection
EXAM-expertise for ultrasonic application
Biodegradable

CHEMICAL AND PHYSICAL DATA

Appearance	Blue liquid
Density	1.13 g/ml
Viscosity	5.4 mPas
Temperature stability	-6 to 100°C
Shelf life	> 2 years
pH value	9.9 at 1%

COMPOSITION

ULTRASOUND CLEANER contains: Surfactants, corrosion inhibitors, chelating agents and builders.

CLASSIFICATION ACCORDING TO CLP

Signal word: Danger, GHS05, H315, H318

MATERIAL COMPATIBILITY

ULTRASOUND CLEANER has a high material compatibility. Parts made of tin and zinc may be damaged. We recommend testing the resistance of sensitive materials before cleaning.

ECOLOGY

The contained surfactants are biodegradable according to Regulation (EC) No. 648/2004 on detergents. Used solutions can be let into the sewerage after neutralization to a pH-value of 6.5 to 9.5 and dilution with the quadruple amount of water if the contaminations allow this. The national and local regulations concerning sewerage must be observed. Completely rinsed jerrycans, bottles and barrels may be recycled via national plastic recycling systems.

DELIVERY RANGE/ DOSING AIDS

5 liters
25 liters P

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin.
Do not get into eyes or on skin or clothing. Wear long-sleeved shirt and long pants, protective eyewear (safety goggles), shoes and socks and chemical resistant waterproof gloves. Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before re-use.
Keep away from heat, high temperatures and open flames.



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