


Product properties – Technical sheet

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| <p>ULTRASONIC CLEANER YP FL</p> | <p>Item no.: 00 01 25</p> |
| <p>Areas of application</p> | <p>Ultrasonic Cleaner YP FL is a mild alkaline cleaner to be used in aqueous ultrasonic cleaning processes.</p> <p>Ultrasonic Cleaner YP FL is usable for an extensive range of parts, steel, stainless steel, glass, ceramic and precious metals in the jewellery industry.</p> <p>Ultrasonic Cleaner YP FL is used to remove drawing oils and soaps, mould release agents, polishing and lapping pastes.</p> <p>Ultrasonic Cleaner YP FL contains a special combination of detergents which ensure efficient cleaning.</p> |
| <p>Corrosion protection</p> | <p>Ultrasonic Cleaner YP FL has special components for corrosion protection to prevent sensitive material from corrosion.</p> |
| <p>Method of application</p> | <p>Suitable for automatic metering (time relay, volumetric control):</p> <p>Concentration: 1.0 – 4.0 % Temperature: 20 – 80°C Spraypressur: 0 bar Time: 2 – 6 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> |
| <p>Material compatibility</p> | <p>PVDF, PP, PE, PVC, Stainless steel, steel, grey cast iron, ceramic, copper and, under certain conditions, aluminium and brass.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p> |

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| Analysis of concentration | according to the titration instructions | | |
| Physical and chemical properties | | | |
| Aspect/colour | Clear | Colourless – Brownish | |
| Form | Liquid | | |
| Odour | Characteristic | | |
| Foaming behaviour <small>(see under conditions of application)</small> | Weak foaming | | |
| Phosphates | n/a | | |
| Density (20°C) g/cm³ | 1,020 – 1,040 | | |
| Concentration | 1 % in H₂O dest. | 3 % in H₂O dest. | 5 % in H₂O dest. |
| pH value (1 %, 20°C) | 8.9 – 9.5 | n/a | n/a |
| Conductance (1 %, 20°C) mS/cm | n/a | n/a | n/a |
| Phenolphthalein alkalinity (ml) | n/a | | |
| m-Value (ml) | 4.2 ± 0.5 (1 % at 30 ml sample) | | |
| Storage stability | + 5°C to + 40°C | | |
| Remarks regarding biocides | n/a | | |
| Hazardous products | 2-(2-butoxyethoxy)ethanol / Alcohols C9-11, ethoxylated / Quaternary coco alkyl methyl amine ethoxylate methyl chloride | | |
| Risk symbols |  | | |
| | WARNING | | |
| Special remarks | <p>Protect from frost! Store only in the original bundle. Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container.</p> <p>Read in any case our safety data sheet before using the product!</p> | | |
| Disposal | Disposal acc. to official regulations, in case of doubt contact the manufacturer. | | |

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.