


## Product properties – Technical sheet

<b>PLASTIC CLEANER PK 401 / B</b>	<b>Item no.:</b>  <b>00 12 56</b>
<b>Areas of application</b>	<p><b>Plastic Cleaner PK 401 / B</b> is a mild acid concentrated liquid cleaner to remove release agents from plastic surfaces.</p> <p><b>Plastic Cleaner PK 401 / B</b> is especially developed for the use in spray rinsing machines with low and high pressure. The product contains a special combination of detergents to prevent the cleaning baths from foaming.</p> <p><b>Plastic Cleaner PK 401 / B</b> is based on detergents which can be rinsed from the surfaces without any residues.</p> <p><b>Plastic Cleaner PK 401 / B</b> removes the release agents from the surfaces without sweating out of the release agents in the drying process.</p>
<b>Corrosion protection</b>	<p><b>Plastic Cleaner PK 401 / B</b> hasn't any components for corrosion protection to prevent sensitive material from corrosion.</p>
<b>Method of application</b>	<p><b>Suitable for automatic metering (time relay, volumetric control or control by conductance):</b></p> <p>Concentration: 0.5 – 3.0 %        Temperature: 50 – 70°C        Spray pressure: 2 - 6 bar        Time: 2 – 4 minutes</p> <p>According to the desired quality standard the cleaned parts must be rinsed thoroughly with water or demineralised water to remove any possible residues!</p> <p>If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, stainless steel, ceramic, glass and aluminium</p> <p><b>Plastic Cleaner PK 401 / B</b> must not be used on steel, grey cast iron and zinc.</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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<b>Analysis of concentration</b>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	Colourless	
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not foaming		
<b>Phosphates</b>	Contained		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.065 – 1.085		
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>
<b>pH value (1 %, 20°C)</b>	2.2 – 2.8	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	1.3 – 1.6	2.6 – 3.1	3.8 – 4.5
<b>Phenolphthalein alkalinity (ml)</b>	8.75 ± 0.75 (1 % at 30 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	- 5°C to + 40°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Citric acid / 2-(2-butoxyethoxy)ethanol		
<b>Risk symbols</b>			
	<b>WARNING</b>		
<b>Special remarks</b>	<p>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><b>Read in any case our safety data sheet before using the product!</b></p>		
<b>Disposal</b>	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.