



Product properties – Technical sheet

<p>HYDROCHLORIC ACID 31 %</p>	<p>Item no.: 00 00 64</p>
<p>Areas of application</p>	<p>Technical product of a concentration of 31 % to reduce the pH value in waste water system and re- circulating water systems.</p>
<p>Method of application</p>	<p>The product should be used according the safety advices given in the MSDS.</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Glass, Ceramic</p> <p>On steel, zinc, cast iron it is possible to have a little removal of the material. Don't use the product on marble.</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 – Slightly Yellowish	
Form	Liquid		
Odour	Pungent		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.145 – 1.165		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.0 – 1.6	n/a	n/a
Conductance (1 %, 20°C) mS/cm	31.0 – 36.0	90.0 – 105.0	150.0 – 170.0
Phenolphthalein alkalinity (ml)	4.35 ± 0.25 (1 % at 5 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Hydrochloric acid		
Risk symbols			
	DANGER		
Special remarks	<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>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.