


PH – VALUE PLUS	Item no.: 60 50 11
Areas of application	<p>PH – Value Plus is used to increase the pH value of circulating water systems like in swimming pools, whirlpools, cooling systems and waste water systems.</p> <p>Anticorrosive inhibitors guarantee protection for iron, steel and plastic parts.</p> <p>Special ingredients are able to absorb water hardness.</p>
Method of application	<p>In the range of pH 7.0 – 9.0 it is necessary to add 25 ml/m³ of PH – Value Plus to reduce the pH value for 1.0 pH.</p> <p>The optimum into swimming pools is between pH value 7.2 and 7.6.</p> <p>It is necessary to add small quantities of the product till the aimed pH value is reached.</p> <p>In case of manual dosing the product must be mixed very well with the water.</p> <p>Suitable for automatic dosing system (control according the pH value).</p>
Material compatibility	<p>PVDF, PP, PE, PVC, glass, stainless steel, iron, cast iron.</p> <p>PH – Value Plus must not be used on aluminium 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>

Product properties – Technical sheet

Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Slightly Brownish – Brownish	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1,360 – 1,390		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	12.4 – 13.0	n/a	n/a
Conductance (1 %, 20°C) mS/cm	17.0 – 20.0	49.0 – 55.0	78.0 – 88.0
Phenolphthalein alkalinity (ml)	4.25 ± 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	Sodium Hydroxide		
Risk symbols			
	DANGER		
Special remarks	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. Read in any case our safety data sheet before using the product!		
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.