



Product properties – Technical sheet

<p>ACTIVATOR TE</p>	<p>Item no.: 00 18 07</p>
<p>Areas of application</p>	<p>Activator TE is a liquid, mildly acidic additive for use in spray and pressure flooding systems as well as in ultrasonic and immersion systems.</p> <p>Activator TE is used to adjust the pH value in de-rusting processes with the Booster TE - item no. 001840. The pH should be between 5.5 and 7.0.</p> <p>Activator TE, like Booster TE, is set to be particularly foam-free.</p>
<p>Corrosion protection</p>	<p>Activator TE hasn't any 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>Dosage to the Booster TE according to the required pH range of 5.5 to 7.0. Temperature: 40 – 90°C Spray pressure: 0 – 100 bar Time: 1 – 20 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>Because the treated surfaces are activated by the derusting, we recommend adding an anti-corrosion agent to the last rinse.</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Steel, Glass, Cast-Iron, China, Aluminium, Non-Ferrous Metal</p> <p>Activator TE must not be used on tinned material.</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	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.430 – 1.460		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.5 – 2.1	n/a	n/a
Conductance (1 %, 20°C) mS/cm	7.25 – 8.25	15.0 – 18.0	23.0 – 27.0
Phenolphthalein alkalinity (ml)	4.55 ± 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	1-hydroxyethane-1,1-diylbis(phosphonic 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.