


Product properties – Technical sheet

ADDITIVE 81 TA	Item no.: 00 15 95
Areas of application	<p>Additive 81 TA is a liquid concentrate to increase the cleaning efficiency of alkaline cleaning solution in ultrasonic, flooding, dipping, spraying and immersion cleaning equipment.</p> <p>Additive 81 TA can be used in washing solutions, where the cleaning of the basic solution is not sufficient.</p> <p>Additive 81 TA effects an optimum of wetting of the surfaces and is especially suitable for parts with a lot of oil residues.</p> <p>Additive 81 TA is based on detergents. The product should be dosed into the cleaning bath, if the consumption of detergents in the cleaning solution is larger than average.</p> <p>Additive 81 TA works with a very good demulsifying effect and helps to reduce the foam behaviour of the cleaning solution.</p>
Corrosion protection	<p>Additive 81 TA hasn't any components for corrosion protection to prevent sensitive material from corrosion.</p>
Method of application	<p>Suitable for automatic metering (time relay, volumetric control):</p> <p>Concentration: 0.2 – 3.0 % (as an additive into the cleansing solution) Temperature: 20 – 90°C Pressure: 2 - 1000 bar Time: 2 – 6 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>
Material compatibility	<p>PVDF, PP, PE, PVC, stainless steel, cast iron, steel, ceramic, glass and in special cases aluminium.</p> <p>Additive 81 TA must not be used on 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	not applicable		
Physical and chemical properties			
Aspect/colour	Clear	Colourless	
Form	Liquid		
Odour	Alcohol-like		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	0.970 – 0.990		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	6.0 – 8.0	n/a	n/a
Conductance (1 %, 20°C) mS/cm	n/a	n/a	n/a
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	propan-2-ol / Dioctyldimethylammonium chloride		
Risk symbols			
	WARNING		
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.