


Product properties – Technical sheet

<p>CARBOCID P NS</p>	<p>Item no.: 00 11 28</p>
<p>Areas of application</p>	<p>CONCENTRATED CLEANING AGENT FOR THE MANUAL CLEANING OF SURFACES, TANKS AND SMALLER ITEMS AS WELL AS FOR RE-CIRCULATING APPLICATION</p> <p>Carbocid P NS removes beer scale and prevents such deposits when used in regular intervals. The product is particularly suitable for the manual cleaning of:</p> <ul style="list-style-type: none"> ▪ fermentation tuns ▪ fermentation, storage and pressure tanks ▪ wort and beer pipelines ▪ plate units ▪ fittings
<p>Method of application</p>	<p>Manual application. Using a brush: Concentration: 2.0 – 5.0 % Temperature: cold – 40°C Time: 5 – 15 minutes</p> <p>CIP and re-circulating: Concentration: 0.5 – 3.0 % Temperature: cold – 80°C Time: 5 – 15 minutes</p> <p>Rinsing: It is necessary to use for the rinsing process hot water of drinking water quality, because the product contains quaternary ammonium compounds (QAV). These compounds are difficult to rinse-off. In the technical application it is questionable if it is possible to rinse-off all residues up to a zero value!</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Ceramics</p> <p>Carbocid P NS must not be used on zinc, steel and cast iron.</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	see titration method		
Physical and chemical properties			
Aspect/colour	Crystalline	Colourless - White	
Form	Powder		
Odour	Odourless		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	Contained		
Bulk density (20°C) g/l	900.0 – 1,200.0		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.4 – 2.0	n/a	n/a
Conductance (1 %, 20°C) mS/cm	12.5 – 16.5	31.5 – 35.5	48.0 – 54.0
Phenolphthalein alkalinity (ml)	5.25 ± 0.5 (1% at 10 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 30°C		
Remarks regarding biocides	n/a		
Hazardous products	sulphamic acid		
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.