


## Product properties – Technical sheet

<h1>NEUTRALON</h1>	<p><b>Item no.:</b> <b>60 10 13</b></p>
<p><b>Areas of application</b></p>	<p><b>Neutralon</b> is a mild powder to neutralise acid solution, especially to passivate and deactivate metal surfaces after acid processes in the food and beverage industry.</p> <p><b>Neutralon</b> is also used as an alkaline passivation after pickling processes of low alloyed metals.</p> <p><b>Neutralon:</b></p> <ul style="list-style-type: none"> <li>▪ foam reduced</li> <li>▪ free of phosphates</li> <li>▪ free of heavy metals (Cr, Ni or Mn)</li> <li>▪ free of amines</li> <li>▪ producing dry surfaces</li> </ul>
<p><b>Method of application</b></p>	<p><b>Used in ultrasonic, flooding and immersion cleaning equipment, solve the powder thoroughly in lukewarm water:</b></p> <p>Concentration: 5.0 – 15.0 %          Temperature: 10 – 40°C          Time: 5 – 15 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<p><b>Material compatibility</b></p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Cast Iron and Steel.</p> <p><b>Neutralon</b> must not be used on Aluminium.</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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<b>Analysis of concentration</b>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Crystalline	White	
<b>Form</b>	Powder		
<b>Odour</b>	Odourless		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not Foaming		
<b>Phosphates</b>	n/a		
<b>Bulk density (20°C) g/l</b>	900.0 – 1100.0		
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>
<b>pH value (1 %, 20°C)</b>	11.1 – 11.7	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	13.0 – 15.0	30.0 – 34.0	47.0 – 53.0
<b>Phenolphthalein alkalinity (ml)</b>	5.5 ± 0,2 (1 % at 5 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	- 20°C to + 30°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Sodium carbonate		
<b>Risk symbols</b>			
	<b>WARNING</b>		
<b>Special remarks</b>	<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><b>Read in any case our safety data sheet before using the product!</b></p>		
<b>Disposal</b>	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.