


<b>CRATE WASHER ACID</b>	<b>Item no.:</b>  <b>00 14 79</b>
<b>Areas of application</b>	<p><b>Crate Washer Acid</b> has been specially adapted for the mechanical cleaning of plastic crates and the removal of residues in bakeries, butcher's shops, breweries, lemonade and fruit juice manufacturing plants, dairies, wine cellars and unfermented fruit juice plants. Antistatic additives promote optimum cleaning.</p> <p><b>Crate Washer Acid</b> is especially developed to remove inorganic residues like lime stone and grey layer caused by environmental impacts.</p> <p><b>Crate Washer Acid</b> has anti foaming detergents and can be used in machines with spray rinsing systems.</p>
<b>Method of application</b>	<p><b>Depending on the degree of contamination use a suitable dosing system for automatic proportioning (timer controlled, specific amount allocation or conductance dependent):</b></p> <p>Concentration: 5 – 30 g/l (0.5 – 3.0 %)        Temperature: cold – 50° C        Time: 2 – 3 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Aluminium, in some cases non ferrous metals.</p> <p><b>Crate Washer Acid</b> must not be used on steel and cast iron. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

<b>Analysis of concentration</b>	see titration method		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Colourless		
<b>Form</b>	Liquid		
<b>Odour</b>	Odourless		
<b>Foaming behaviour</b> (see under conditions of application)	Not foaming		
<b>Phosphates</b>	Yes		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.190 – 1.210		
<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>	1.7 – 2.3	not applicable	not applicable
<b>Conductance (1%, 20°C) mS/cm</b>	5.9 – 6.4	12.8 – 13.8	19.2 – 21.2
<b>Phenolphthalein alkalinity (ml)</b>	6.3 ± 0.5 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	+ 5° C – + 30° C		
<b>Remarks regarding biocides</b>	<b>Not applicable</b>		
<b>Hazardous products and risk symbols</b>	Orthophosphoric acid Nitric acid  <b>C CORROSIVE</b>		
<b>Special remarks</b>	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.  <b>Read in any case our safety data sheet before using the product!</b>		
<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.			