



## Product properties – Technical sheet

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|-------------------------------|---|
| <b>LATOSAN<br/>100</b>        | <b>Item no.:</b><br><br><b>42 00 10</b>   |
| <b>Areas of application</b>   | <p><b>Latosan 100</b> is an acid highly effective agent working without problems in hard and soft water and without any formation of lather.</p> <p>Because of special ingredients, the product acts again all organic residues. One of the remarkable features of the agent is its excellent wetting power so that it can penetrate into the small gapes and pores, allowing uniform wetting of all surfaces.</p> <p><b>Latosan 100</b> removes scale, lime and all inorganic pollutions in milk tanks, milk coolers and milking machines and accessories.</p> <p>The continuous use of <b>Latosan 100</b> results in an increasing of milk quality.</p> |
| <b>Method of application</b>  | <p><b>Manual cleaning or cleaning in a re-circulating system:</b></p> <p>Concentration: 0.5 – 2.5 %<br/>       Temperature: cold – 60°C<br/>       Time: 10 – 15 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 and Aluminium</p> <p><b>Latosan 100</b> must not be used on Steel, cast iron and non-ferrous metal.</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>   | Clear  | Colourless   |                                    |
| <b>Form</b>  | Liquid   |  |                                    |
| <b>Odour</b>   | Characteristic   |  |                                    |
| <b>Foaming behaviour</b><br><small>(see under conditions of application)</small> | Not foaming  |  |                                    |
| <b>Phosphates</b>  | n/a  |  |                                    |
| <b>Density (20°C) g/cm<sup>3</sup></b>   | 1.085 – 1.105  |  |                                    |
| <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   | n/a  | n/a                                |
| <b>Conductance (1 %, 20°C) mS/cm</b>   | 7.25 – 9.25  | 21.5 – 25.5  | 36.0 – 42.0                        |
| <b>Phenolphthalein alkalinity (ml)</b>   | 6.75 ± 0.5 (1 % at 30 ml sample)   |  |                                    |
| <b>m-Value (ml)</b>  | n/a  |  |                                    |
| <b>Storage stability</b>   | - 5°C to + 30°C  |  |                                    |
| <b>Remarks regarding biocides</b>  | n/a  |  |                                    |
| <b>Hazardous products</b>  | Methanesulphonic acid / 2-(2-butoxyethoxy)ethanol  |  |                                    |
| <b>Risk symbols</b>  |   |  |                                    |
|  | <b>DANGER</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.<br/>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.