


**Product properties – Technical sheet**

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| <p><b>TANK CLEANER<br/>A NK</b></p>  | <p><b>Item no.:</b><br/><b>40 60 07</b></p>  |
| <p><b>Areas of application</b></p>   | <p><b>Tank Cleaner A NK</b> is a concentrated alkaline cleaner for the internal cleaning of systems.</p> <p>Because of the special combination of anti scale agents <b>Tank Cleaner A NK</b> is particularly suitable for the cleaning of filling and heating systems as well as stainless steel pipe systems and tanks in food and beverage industry.</p> <p><b>Tank Cleaner A NK</b> is free of detergents and suitable in all areas of water hardness.</p> <p><b>Tank Cleaner A NK</b> is in dairies and fruit industry used for the cleaning of UHT systems, separators, pipelines and stainless steel tanks.</p> <p><b>Tank Cleaner A NK</b> easily removes yeast plants, mildew, protein residues as well as slight tartar deposits.</p> |
| <p><b>Method of application</b></p>  | <p><b>Re-circulating cleaning system:</b></p> <p>Concentration: 1,0 – 3,0 %<br/>         Temperature: cold – 85°C<br/>         Time: 20 – 45 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, Stainless Steel, Glass, Cast Iron, Tiles</p> <p><b>Tank Cleaner A NK</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>                                  | see titration method   |                                    |                                    |
| <b>Physical and chemical properties</b>                           |  |                                    |                                    |
| <b>Aspect/colour</b>  | Colourless - Brownish  |                                    |                                    |
| <b>Form</b>   | Liquid   |                                    |                                    |
| <b>Odour</b>  | Weak characteristic  |                                    |                                    |
| <b>Foaming behaviour</b><br>(see under conditions of application) | not foaming  |                                    |                                    |
| <b>Phosphates</b>   | not applicable   |                                    |                                    |
| <b>Density (20°C) g/cm<sup>3</sup></b>                            | 1.475 – 1.495  |                                    |                                    |
| <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>                                       | 12.5 – 13.1  | not applicable                     | not applicable                     |
| <b>Conductance (1 %, 20°C) mS/cm</b>                              | 21.5 – 26.5  | 62.0 – 72.0                        | 100.0 – 120.0                      |
| <b>Phenolphthalein alkalinity (ml)</b>                            | 5.35 ± 0.25 (1 % at 5 ml sample)   |                                    |                                    |
| <b>m-Value (ml)</b>   | not applicable   |                                    |                                    |
| <b>Storage stability</b>  | + 5°C to + 40°C  |                                    |                                    |
| <b>Remarks regarding biocides</b>                                 | <b>not applicable</b>  |                                    |                                    |
| <b>Hazardous products</b>   | Sodium Hydroxide / Potassium Hydroxide   |                                    |                                    |
| <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.