



Product properties – Technical sheet

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| <p>CLEANER FOR DISPENSING SYSTEMS SX</p> | <p>Item no.: 00 06 03</p> |
| <p>Areas of application</p> | <p>CONCENTRATED CLEANER FOR PIPELINES IN BEER TAPPING EQUIPMENT</p> <p>Cleaner for Dispensing Systems SX contains high active chlorine.</p> <p>Cleaner for Dispensing Systems SX cleans all kind of pipelines from organic residues even if the product is used in the cold temperature range.</p> |
| <p>Method of application</p> | <p>For usual cases, apply diluted in a ratio of 2.0 to 5.0 %; fill and rinse the beer pipelines with this solution using a pressurized vessel or a pump, leave to work approx. 5 min.</p> <p>After that flush the system again with the cleaning solution and rinse then with plenty of water (food quality).</p> <p>It is not necessary to flush the system with foam-rubber pellets:</p> <p>Concentration: 2.0 – 5.0 % Temperature: cold Time: 5 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> <p>In case of insufficient rinsing in the 'dead areas' of the plant equipment and pipes or in gaps e.g. under seals it could come to the enrichment of chloride ions which can lead at pH values < 7 to pit, hole and intergranular corrosion at stainless steel!</p> |
| <p>Material compatibility</p> | <p>PVDF, PP, PE, Stainless Steel, Glass, ceramic.</p> <p>Cleaner for Dispensing Systems SX must not be used on 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 | according to the titration instructions | | |
| Physical and chemical properties | | | |
| Aspect/colour | Clear | Slightly Yellowish – Yellowish | |
| Form | Liquid | | |
| Odour | Chlorine-like | | |
| Foaming behaviour <small>(see under conditions of application)</small> | Not foaming | | |
| Phosphates | Contained | | |
| Density (20°C) g/cm³ | 1.255 – 1.285 | | |
| Concentration | 1 % in H₂O dest. | 3 % in H₂O dest. | 5 % in H₂O dest. |
| pH value (1 %, 20°C) | 12.0 – 12.6 | n/a | n/a |
| Conductance (1 %, 20°C) mS/cm | 5.0 – 6.0 | 13.5 – 15.5 | 22.0 – 26.0 |
| Phenolphthalein alkalinity (ml) | 6.0 ± 0.45 (1 % at 30 ml sample) | | |
| m-Value (ml) | n/a | | |
| Storage stability | + 5°C to + 40°C | | |
| Remarks regarding biocides | n/a | | |
| Hazardous products | Potassium Hydroxide / Sodium hypochlorite solution / Sodium Hydroxide | | |
| Risk symbols |  |  | |
| | DANGER | | |
| 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.