# Product properties – Technical sheet

| TANK CLEANER A SPECIAL | Item no.: 40 60 01 |
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## Areas of application

**CONCENTRATED CLEANER WITH HIGH ACTIVE CHLORINE FOR THE ALKALINE CLEANING OF TANK AND PIPE SYSTEMS**

**Tank Cleaner A Special** is because of the special combination of anti-scale agents and not foaming ingredients particularly suitable for the cleaning in the food and beverage industry.

**Tank Cleaner A Special** is particularly suitable for the cleaning of stainless steel, plastic, glass and cement tanks in wine industry.

**Tank Cleaner A Special** easily removes yeast plants, mildew, protein residues as well as slight tartar deposits.

## Method of application

**1. Soaking Process:**
Fill the containers to be cleaned with the solution
Concentration: approx. 5 – 6 kg / 1,000 l water
Contact time: 2 – 4 days.

**2. Re-circulating cleaning system or CIP cleaning:**
Concentration: 2 % **Tank Cleaner A Special** / 400 – 500 l water (total tank volume 5,000 l)
Contact time: approx. 30 – 60 minutes re-circulate by spray nozzle with low or high pressure

**3. Manual Cleaning:**
Brush the tank with a solution of 0.5 %.

After having used the product rinse thoroughly with drinking water to remove any possible residues!

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!

## Material compatibility

PVDF, PP, PE, PVC, Stainless Steel, Glass, Tiles

**Tank Cleaner A Special** must not be used on aluminium and non-ferrous metal.

In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.

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| **Analysis of concentration** | according to the titration instructions | | |
| **Physical and chemical properties** | | | |
| **Aspect/colour** | Clear – Cloudy | Slightly Yellowish – Yellowish | |
| **Form** | Liquid | | |
| **Odour** | Chlorine-like | | |
| **Foaming behaviour** (see under conditions of application) | Not foaming | | |
| **Phosphates** | n/a | | |
| **Density (20°C) g/cm³** | 1.325 – 1.355 | | |
| **Concentration** | **1 % in $H_2O$ dest.** | **3 % in $H_2O$ dest.** | **5 % in $H_2O$ dest.** |
| **pH value (1 %, 20°C)** | 12.3 – 12.9 | n/a | n/a |
| **Conductance (1 %, 20°C) mS/cm** | 14.5 – 17.5 | 41.0 – 47.0 | 67.0 – 77.0 |
| **Phenolphthalein alkalinity (ml)** | 6.7 ± 0.5 (1 % at 10 ml sample) | | |
| **m-Value (ml)** | n/a | | |
| **Storage stability** | + 5°C to + 30°C | | |
| **Remarks regarding biocides** | **n/a** | | |
| **Hazardous products** | Sodium Hydroxide / Sodium hypochlorite solution | | |
| **Risk symbols** |  | | |
| | **DANGER** | | |
| **Special remarks** | 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.<br><br>**Read in any case our safety data sheet before using the product!** | | |
| **Disposal** | Disposal acc. to official regulations, in case of doubt contact the manufacturer. | | |