



Alkaline detergent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production plants, containers, tanks, pipe systems, heaters and separators in automated CIP processes or circulations processes in the food industry
- Use as a cleaning-enhancing component in the food industry

Performance spectrum:

neomoscan TF is an alkaline detergent containing active chlorine with the following properties:

- Reliable removal of particularly stubborn residues
- Effectively removes organic residues, such as animal and vegetable fats and protein
- Foam-free formulation
- Suitable for stainless steel, glass, glass enamel, rubber as well as alkali and active chlorine compatible plastics and sealings
- Not suitable for aluminium and light metal alloys, as well as tinned and galvanised surfaces
- For brass, copper and non-ferrous metal alloys, a preliminary test must be carried out

Application and Dosage:

- Cleaning via automated CIP processes or in a circulation process in the food industry:

The application concentration is 0.5 – 1.0 % (w/w) at 10 °C - 80 °C depending on application, water hardness and degree of soiling.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse surfaces with drinking water, especially those

that come in contact with food, after each cleaning and disinfection measure.

- Rinse out dosing system including suction hose with water before changing product.
- Do not mix with other products.
- Only dose from the original container.
- Do not use as a concentrate – only as a working solution.
- Please observe the operating instructions given by the manufacturer of the system/device.
- The weigomatic dosing systems resp. neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.

Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan TF solution, the mixture is shaken briefly and after adding one to two drops phenolphthalein solution, 10 ml of the mixture is titrated with 0.1 N hydrochloric acid (HCl) until the colour changes from red to colourless

ml of 0.1 N HCl used x 0.43 = % (w/w) neomoscan TF

Technical data:

Appearance	clear, yellow-green liquid
pH-value	approx. 12 (1 % in deionised water, 20 °C)
Density	approx. 1.3 g/cm ³ (20 °C)



p-value	approx. 9 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine	850 - 950 mg/l (in 1 % solution)


The product specification may contain deviating test parameters. This specification can be obtained on request.

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:

5 - 15 % chlorine based bleaching agents

Storage information:

Always store at a temperature between 0 °C and 25 °C. Keep away from sunlight. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol .

Changes in the colour of the product may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.

Hazard and precautionary statements:

For safety information see Safety Data Sheets. These are available at www.drweigert.com under the category "Service/Downloads".

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

Dispose only when container is empty and closed. For disposal of product residues, refer to the Safety Data Sheet.

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With the above information, which is appropriate to our current knowledge we describe our product regarding possible safety necessities, but we do not involve any quality description or promise certain properties.