



Alkaline detergent for the food industry

Liquid concentrate



Fields of application:

- Cleaning of milking and milk-cooling systems, lines and milk tanks in milk-producing establishments
- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes or in circulation processes in the food industry

Performance spectrum:

neomoscan FA 28 is an alkaline cleaning agent with the following properties:

- Removes organic residues such as milk protein and fat
- Has a complexing and dispersing action
- Foam-free adjustment
- Free from active chlorine, QAC and surfactants
- Approved by the German Agricultural Society (DLG)¹ and included on the DLG product list of cleaning agents and disinfectants for milking systems (Group 2 R alkaline)
- Included in the input list for organic production in Germany
- Suitable for stainless steel and alkali-resistant plastics and seals
- Not suitable for aluminium and light alloys as well as copper, brass and other non-ferrous alloys

Application and Dosage:

- Cleaning of milking and milk-cooling systems, lines and milk tanks: 0.5 per cent by weight at temperatures of 40 °C - 80 °C
- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes and in circulation

processes: 0.5 - 3.0 per cent by weight depending on the application, water hardness and degree of soiling in the temperature range of 40 °C - 80 °C

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.
- Do not mix with other products.
- Rinse out dosing system including suction hose with water before changing product.
- 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 instructions given by the manufacturer of the milking and milk cooling systems are to be observed.
- 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:

After adding one to two drops phenolphthalein solution, 10 ml of neomoscan FA 28 solution 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 0.27 = % (w/w) neomoscan FA 28



Technical data:

Appearance	clear liquid
pH-value	12.5 (1 % in deionised water, 20 °C)
Density	approx. 1.2 g/cm ³ (20 °C)
Alkaline capacity	approx. 14 ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein)

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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: non

Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 3 years 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.

1 DLG – Deutsche Landwirtschafts-Gesellschaft e.V. [German Agricultural Association]

The details in this data sheet are based on our current knowledge and experience. They do not exempt users from conducting their own tests and experiments and do not constitute a legally binding commitment regarding specific properties.