



neomoscan[®] FA 18

Alkaline detergent for the food industry



Liquid concentrate

Fields of application:

- Cleaning of production and filling plants, tanks, containers and pipes by means of automated CIP processes or in the circulation process in the food industry, in particular cleaning of KEGs, fermentation and storage tanks in breweries.
- Active chlorine-free and QAV-free cleaning of milking and milk cooling systems as well as pipes in dairy farms. Especially suitable for cleaning automatic milking systems (AMS).

Performance spectrum:

neomoscan FA 18 is an alkaline detergent with a high complexing capacity and with the following properties:

- Effectively removes organic residues, such as animal and vegetable fats and proteins
- Has a complexing and dispersing effect
- Foam-free solution
- Free of active chlorine, surfactants and phosphates
- DLG¹ tested and included in the DLG product list of cleaning and disinfecting agents for milking systems (Group 2 R alkaline)
- Suitable for stainless steel and alkali-compatible plastics
- Not suitable for aluminium and light metal alloys, copper, brass and other non-ferrous metal alloys as well as tinned and galvanised surfaces

Application and Dosage:

- Automated cleaning of production, filling and packaging systems, tanks, containers and pipes (using the CIP process): Depending on the application and the degree of soiling 0.5 - 3

weight % in the temperature range cold to 80 °C

- Cleaning of fermentation and storage tanks (using the CIP process): approx. 2 weight % in the cold temperature range
- Cleaning of KEGs: approx. 1 - 2 weight % at temperatures of approx. 60 °C - 80 °C
- Cleaning of milking and milk cooling systems, automatic milking systems and pipes: 0.5 weight % at temperatures of 40 °C - 80 °C for at least 15 - 20 minutes

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 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 18 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 0,13 = % (w/w) neomoscan FA 18

Technical data:

Appearance	yellow, clear liquid
pH-value	approx. 13 (1 % in deionised water, 20 °C)
Density	approx. 1.4 g/cm ³ (20 °C)
Alkaline capacity	approx. 30 (ml of 0.1 N (HCl) hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein)


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 % phosphonates, polycarboxylates

Storage information:

Always store at a temperature between -20 °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]

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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.