



Alkaline cleaning agent for the food industry

Liquid concentrate

Fields of application:

- Manual cleaning of surfaces and equipment in the food industry. Application in wiping and via low-pressure cleaning devices and foamers.

Performance spectrum:

neomoscan FM plus is an alkaline cleaning agent with the following properties:

- Highly pronounced effect against stubborn dirt and fat deposits
- Cleans powerfully and quickly
- Foaming adjustment
- Excellent material compatibility
- Suitable for glass, stainless steel and alkali-resistant plastics and seals
- Preliminary testing must be carried out for aluminium, anodised aluminium and light alloys

Application and dosage:

- For daily cleaning and light soiling: 0.5 – 2.0 % (w/w) in the temperature range up to 50 °C
- For heavy dirt and fat deposits, the application concentration can be increased to a maximum of 10 % (w/w).

General notes on application:

- For professional use only.
- In order to avoid product residues, rinse all 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 hoses with water before changing product.
- Dose only 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 and neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

A few drops of Tashiro's indicator are added to 100 ml batch water and titration is performed with 0.1 N hydrochloric acid until the colour changes from green to red/violet (WW value).

A few drops of Tashiro's indicator are added to 100 ml neomoscan FM plus solution and titration is performed with 0.1 N hydrochloric acid until the colour changes from green to red/violet (LW value).

$$(LW - WW) \times 0.14 = \% (w/w) \text{ neomoscan FM plus}$$

Technical data:

Appearance	Clear, yellowish liquid
pH range	11.6–12.8 (0.5 – 10% in fully deionised water, 20 °C)
Density	Approx. 1.1 g/cm ³ (20 °C)
Viscosity	< 100 mPas (concentrate, 20 °C)

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




Ingredients:

Ingredients for cleaning agents according to Regulation (EC) No. 648/2004 on detergents:

< 5% non-ionic surfactants,
5–15% anionic surfactants,
also fragrances (limonene)

Storage information:

Always store at a temperature between 0 and 30 °C. Usable for 2 years when stored as recommended. For the expiry date, refer to the stamp mark on the label behind the hourglass symbol .

Cloudiness may occur at temperatures below 5 °C and clears up on heating.

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 applicable guidelines for food processing.

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

DS 2152/3-1

Date of issue: 07/2022

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.
