



## Alkaline detergent for the food industry

### Liquid concentrate

#### Fields of application:

- Cleaning of surfaces and equipment such as production facilities, containers, floors, and work surfaces using manual applications (e.g. wiping, spraying, pumping, and immersion methods)
- Use in high-pressure and steam jet cleaning devices

#### Performance spectrum:

neomoscan<sup>®</sup> FA 4 is a universally applicable, mildly alkaline, and slightly foaming detergent with the following properties:

- Excellent cleaning performance against grease and protein deposits
- Has an emulsifying and degreasing effect
- Has a high dirt-carrying and dispersing capacity
- Is particularly gentle on material
- Suitable for stainless steel, normal steel, aluminium, iron, brass, copper, tin, glass, and alkali-resistant plastics
- A preliminary test must be carried out for varnished and painted surfaces

#### Application and Dosage:

- Manual applications: Depending on the application, water hardness, and degree of soiling, the application concentration is 0.5–5.0% by weight at temperatures up to 50°C
- Cleaning by spraying and immersion: 0.5–5.0% by weight in the temperature range of 40–60°C
- Use in high-pressure and steam jet cleaning devices: Depending on the application, water hardness, and degree of soiling, the application concentration is 1.0–5.0% by weight at temperatures up to 60°C

- In the case of particularly hard process water, periodic acidic contrast cleaning is recommended in order to prevent or remove hardness deposits.

#### 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:

To 100 ml preparing water some drops of tashiro solution are added and titrated with 0.1 N hydrochloric acid (HCl), until the colour changes from green to red-violet (WW-measurement).



To 100 ml of a neomoscan FA 4 application solution, some drops of tashiro solution are added and titrated with 0.1 N HCl, until the colour changes from green to red-violet (LW-measurement).

$(LW-WW) \times 0,14 = \text{weight \% neomoscan FA 4}$

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

MB 3410/3-1

Date of issue: 07/2024

## Technical data:

Appearance	clear, colourless liquid
pH-value	11.5 (1 % in deionised water, 20 °C)
Density	approx. 1.1 g/cm <sup>3</sup> (20 °C)


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 % anionic surfactants
- 5 – 15 % phosphates

## Storage information:

Always store at a temperature between 0 °C and 30 °C. Keep away from sunlight. 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](http://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.