



# neomoscan<sup>®</sup> FA 510

## Alkaline detergent for the food industry

### Liquid concentrate

#### Fields of application:

- Cleaning of production systems, containers, tanks, and lines using automated CIP processes and in circulation processes in the food industry, for example in the milk industry, breweries and delicatessen industry

#### Performance spectrum:

neomoscan FA 510 is a highly alkaline cleaning agent with the following properties:

- Highly effective against organic soiling such as fats and proteins
- Complexing action, suitable for all water hardnesses
- Foam-free adjustment
- Free of surfactants
- Suitable for stainless steel and alkali-resistant plastics and seals
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys as well as tinned and galvanised surfaces

#### Application and Dosage:

- Cleaning of production systems, containers, tanks and lines using automated CIP processes and in circulation processes: the application concentration is 0.5 - 3.0 per cent by weight depending on the application, water hardness and degree of soiling, at 70 °C - 85 °C, and in the cold process area in breweries at 5 °C and above
- Cleaning of UHT systems in the milk-processing industry: 2.0 - 3.0 per cent by weight depending on degree of soiling at approx. 135 °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 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 510 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 0,09 = % (w/w) neomoscan FA 510



## Technical data:

Appearance	clear, brownish liquid
pH-value	12.7 (1 % in deionised water, 20 °C)
Density	approx. 1.5 g/cm <sup>3</sup> (20 °C)
p-Value	approx. 47 (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:

< 5 % phosphonates

## 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](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.

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

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.