



Alkaline cleaning agent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes or circulation processes in the food industry.
- Cleaning of oven racks, e.g. in the baking industry.

Performance spectrum:

neomoscan FA 20 is a highly alkaline cleaning agent. It contains surfactants, complexing agents and dispersants and has the following properties:

- Reliably removes organic residue such as protein and fat
- Effective contaminant-absorption capacity and pronounced contaminant-carrying capacity
- Good wetting properties
- Has a defoaming action from 30 °C upwards
- Sprayable
- Phosphate-free
- 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, lines, boilers and separators using automated CIP processes and in circulation processes: The application concentration is 0.5 – 3.0 % (w/w) depending on the application, water hardness and degree of soiling in the temperature range of 50 – 135 °C.
- Cleaning of oven racks in automatic systems: The application concentration is 2.0 – 5.0 % (w/w) depending on application, water hardness and degree of soiling in the temperature range of 80 – 90 °C

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:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan FA 20 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 0.10 = % (w/w)
neomoscan FA 20



Technical data:

Appearance	Clear, brownish liquid
pH value	12.8 (1% in fully deionised water, 20 °C)
Density	Approx. 1.4 g/cm ³ (20 °C)
p-value	Approx. 40 (ml of 0.1 N HCl 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 for cleaning agents according to Regulation (EC) No. 648/2004 on detergents:

< 5% phosphonates, non-ionic surfactants

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 .

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 2154/3-1

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.