neomoscan® FA 2036

Alkaline detergent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes and in circulation processes in the food industry, for example in the delicatessen, confectionery, meat and milk-processing industry.
- Cleaning of reusable transport boxes and containers in cleaning systems.

Performance spectrum:

neomoscan FA 2036 is a highly alkaline cleaning agent. It contains complexing agents, dispersants and surfactants and has the following properties:

- Effectively removes fat, protein and other organic contaminants
- Has a dispersing and complexing action
- Has a contaminant-absorption capacity and pronounced contaminant-carrying capacity
- Has a defoaming action from 30 °C upwards
- Sprayable
- Phosphate-free
- Listed in the current operating resources list for organic processing in Germany Suitable for stainless steel and alkali-compatible 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, at 70–85 °C.
- Cleaning of reusable transport boxes and containers in cleaning systems: 0.2–0.5 w/w at 50–65 °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.
- 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 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.

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Determining concentration:

After adding one to two drops phenolphthalein solution, 10 ml of neomoscan FA 2036 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 2036

Technical data:

Appearance	Clear, brownish liquid
pH-value	12.5 (1 % in deionised water, 20 °C)
Density	approx. 1.5 g/cm^3 (20 °C)
Alkaline capacity	approx. 44 (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 according to Regulation (EC) No 648/2004 on detergents:
< 5 % phosphonates, nonionic surfactants

Storage information:

Always store at a temperature between 0 and 30 °C. Usable for 2 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.

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