

neomoscan[®] FA 18

Alkaline detergent for the food industry – liquid concentrate



Main fields of application:

Cleaning of production, filling and packing plants, tanks, containers and pipes via automated CIP processes or circulation processes in the food processing industry, especially for cleaning KEGs, fermentation and storage tanks in breweries.

Active chlorine-free and quat-free cleaning of milking and milk cooling plants and pipes in dairy farms. Especially for the cleaning of automated milking systems (AMS) e.g. of the company Lely.

For professional use only!

Properties:

neomoscan FA 18 is an alkaline detergent with high complexing capacity and the following properties:

- effectively removes organic residues, such as animal and vegetable fats and proteins
- with dispersing and complexing action
- non-foaming
- free of active chlorine, surfactants and phosphates
- suitable for stainless steel and alkali-compatible synthetic materials
- not suitable for copper, brass and other non-ferrous alloys

Abrasion may occur with aluminium and aluminium alloys. To minimize abrasion, we recommend using water with at least approx. 0.9 mmol/l total hardness at temperatures up to 80 °C. This abrasion does not harm equipment made of aluminium with sufficient material thickness, e.g. tanks and KEGs. Other parts and devices made of aluminium must be checked for suitability first.

Dosage:

Automated cleaning of production, filling and packing plants, tanks, containers and pipes (in CIP process):

Depending on application and degree of soiling 0.5 - 3 weight% in the temperature range "cold" up to 80 °C

Cleaning of fermentation and storage tanks (in CIP process):

approx. 2 weight% in the temperature range "cold"

Cleaning of KEGs:

approx. 1 - 2 weight% at temperatures of approx. 60 – 80 °C

Cleaning of milking and milk cooling plants, automated milking systems and pipes:

0.5 weight% at temperatures of 40 – 80 °C for at least 15 – 20 minutes

To remove residues surfaces that come into contact with food must be rinsed with drinking water after every cleaning and disinfection.

Do not mix with other products.

Rinse out dosing system including suction hose with water before changing product.

Die Bedienungsanleitung der Produktions- und Reinigungsanlagen sind zu beachten.

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:

10 ml neomoscan FA 18 working solution is mixed with 2 drops of phenolphthalein solution and titrated with 0.1N hydrochloric acid until a colour change from red to colourless occurs.

ml 0.1 N hydrochloric acid used x 0.13 = weight% neomoscan FA 18

Technical data:

Appearance:	Yellow, clear liquid
Density (20°C):	approx. 1.37 g/cm ³
pH value (1% in deionised water, 20 °C):	approx. 13



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Die Angaben dieses Merkblattes beruhen auf unseren derzeitigen Kenntnissen und Erfahrungen. Sie befreien den Verwender nicht von eigenen Prüfungen und Versuchen. Eine rechtlich verbindliche Zusicherung bestimmter Eigenschaften kann hieraus nicht abgeleitet werden.

With the above information, which is appropriate to our current knowledge we describe our product regarding possible safety necessities, but we do not involve any quality description or promise certain properties.

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Alkaline detergent for the food industry – liquid concentrate




Alkaline capacity (ml 0.1 N hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein): approx. 30

The product specification may contain deviating test parameters. These are available on request.

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % phosphonates, polycarboxylates

Storage information:

Always store at a temperature between -20 °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, This has no impact on the properties of the product, which are relevant for application.

Hazard and precautionary statements:

For safety information see EC 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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