

neomoscan[®] RM

Alkaline detergent for the food industry
- liquid concentrate -



Fields of application:

Cleaning of production plants, such as tanks and pipes via automated CIP processes or in circulation processes in the food industry.

Automated and manual cleaning of milking and milk cooling plants as well as containers in the dairy industry.

For professional use only!

Characteristics:

neomoscan RM is an alkaline-active chlorine-containing detergent based on a combination of potassium hydroxide and cleaning-enhancing components. neomoscan RM has the following properties:

- effectively removes organic residues, such as milk protein and fat
- excellent cleaning performance also with stubborn soiling
- effective even at low temperatures
- foam-free formula; surfactant-free
- easy-to-rinse
- suitable for all degrees of water hardness
- prevents the formation of lime deposits
- DLG¹ tested and included in the product list of detergents and disinfectants for milking plants (Group 2 R)
- good material compatibility; especially suitable for liners made of silicone
- suitable for chrome nickel steel, brass, copper and alkali-compatible plastic

Dosage:

Automated cleaning of production plants (CIP-process):

Depending on application and degree of soiling 0.5 – 2 weight-% at temperatures of 40 – 85 °C for approx. 15 – 30 min.

Cleaning of milking and milk cooling plants:

0.5 weight-% at temperatures of 30 – 80 °C for 10 – 20 min

For removing mineral deposits such as limescale and milkstone, we recommend a periodic acidic alternate cleaning with niroklar GR flüssig.

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

The instructions of the production and cleaning plants must be observed.

Do not mix with other products.

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

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:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan RM solution; the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

Consumed ml 0.1 N hydrochloric acid x 0.41 = weight.-% neomoscan RM

1 Deutsche Landwirtschafts-Gesellschaft e.V. [German Agricultural Association]



DR. WEIGERT

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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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Technical data:

Appearance: clear, yellowish liquid
density (20 °C): approx. 1.34 g/cm³
pH-value (1 % in deionised water, 20 °C): approx. 12
p-value (consumed 0.1 N hydrochloric acid when titrating 400 mg concentrate against phenolphthalein): approx. 10
active chlorine content of a 1% solution: approx. 340 mg/l

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % polycarboxylates, chlorine-based bleaching agents
5 – 15 % phosphates

Storage information:

Always store at a temperature between 0 °C and 25 °C.
Usable for 1 year when stored as recommended. Expiry date: refer to the stamp mark on the label behind the hourglass symbol .

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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