

# neomoscan<sup>®</sup> AM 100



Alkaline detergent and disinfectant  
for milking and milk cooling systems – liquid concentrate

- Main fields of application:** Automated cleaning and disinfection of milking and milk cooling systems as well as milk tanks in dairy farms.  
For professional use only.
- Properties:** neomoscan AM 100 is an alkaline active chlorine-containing detergent and disinfectant with the following properties:
- Reliably removes milk protein and fat
  - Bactericidal activity in accordance with EN 1276
  - Non-foaming
  - DLG<sup>1</sup>-tested and included in the product list for detergents and disinfectants for milking systems (Group 2 R+D [Cleaning and Disinfection])
  - Suitable for chrome nickel steel and alkali and active chlorine-compatible plastic. Rubber seals are not attacked
  - Not suitable for aluminium and light metal alloys, other light metals and galvanized materials
- Dosage:** For optimum results milking systems are cleaned after use and milk collecting containers, cooling tanks and milk containers are cleaned after emptying:
1. Pre-cleaning with cold to lukewarm water
  2. Disinfection with 5 g/l (0.5 weight-%) neomoscan AM 100 solutions (e.g. 44 ml neomoscan AM 100 per 10 L water) at a temperature of 30 - 80 °C. The duration of circulation should be 15 minutes.
  3. To prevent residues on surfaces that may come in contact with food, the surfaces must be rinsed with drinking water after each cleaning and disinfection measure.
- For safely removing mineral deposits, such as limescale and milkstone, we recommend a daily acidic alternate cleaning with **niroklar SM**:  
In the morning alkaline with neomoscan AM 100; in the evening acidic with niroklar SM.  
The instructions given by the manufacturer of the milking and milk cooling systems are to be observed.  
Do not mix with other products.  
Rinse out dosing system including suction hose with water before changing product.  
The weigomatic<sup>®</sup> dosing systems resp. neomatik<sup>®</sup> dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.  
*Use disinfectants safely. Always read the label and product information before use.*
- Determining concentration:** 2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan AM 100-solution, the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 hydrochloric acid until the colour changes from red to colourless.  
Consumed ml 0.1 N hydrochloric acid x 0.58 = weight-% neomoscan AM 100
- Technical data:**
- |  |                                |
|--|--------------------------------|
| Appearance:  | clear, yellowish liquid        |
| Density (20 °C):                                   | approx. 1.15 g/cm <sup>3</sup> |
| pH value (1 % in deionised water, 20 °C):          | approx. 12                     |
| Acid capacity (ml of 0.1 N NaOH used in titration) |                                |



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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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of 400 mg of concentrate against phenolphthalein):  
Active chlorine content of a 1% solution:

approx. 7  
approx. 250 mg/l

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 % phosphates, polycarboxylates, phosphonates  
Active substances in 100 g: 2.5 sodium hypochlorite

## Storage information:

Always store at a temperature between 4 °C and 24 °C. Do not expose to direct sunlight.  
Usable for 1 year when stored as recommended. For expiry date: refer to the stamp mark on the label behind the hourglass symbol ⌚.

## 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.

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

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