



## Alkaline detergent for the food industry

### Powder

#### Fields of application:

- Manual cleaning of detachable parts, containers, machines and systems as well as general plant cleaning.
- Cleaning of continuous butter-making machines

#### Performance spectrum:

neomoscan m.Z. is a powdered, alkaline and active-chlorine containing detergent with the following properties:

- High cleaning capacity for organic soiling such as protein and fat
- Material-preserving adjustment
- Foaming adjustment
- Free of perfumes and fragrances
- Suitable for stainless steel, normal steel, iron, aluminium, brass, copper, tinned materials, vitreous enamels, alkali-resistant plastics and seals

#### Application and Dosage:

- The application concentration is 0.5 - 2.0 per cent by weight, depending on application, water hardness and degree of soiling, and 2.0 - 4.0 per cent by weight in foam cleaning

#### 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.
- 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.

#### Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan m.Z. solution, the mixture is shaken briefly and after adding one to two drops phenolphthalein solution, the mixture 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 0,15 = % (w/w) neomoscan m.Z.

#### Technical data:

Appearance	white powder
pH-value	12.3 (1% in deionised water, 20 °C)
Bulk Density	approx. 1000 g/l
p-value	approx. 27 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine	approx. 200 (in 1% solution)

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 % anionic surfactants, non-ionic surfactants, chlorine-based bleaching agents

5 - 15 % phosphates

## Storage information:

Always store at a temperature between 0 °C and 25 °C. Keep away from sunlight. Keep container tightly closed. The product tends to get lumpy when exposed to dampness which can cause a loss of effectiveness. 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.

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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.

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