neomoscan® RD

Alkaline detergent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production systems, containers, tanks and lines using automated CIP processes and in circulation processes in the food industry, for example in the milk-processing industry or drinks industry
- Manual cleaning of surfaces in wiping processes and other manual processes in the food industry

Performance spectrum:

neomoscan RD is an alkaline, active chlorine-containing cleaning agent with the following properties:

- Effectively removes organic residues such as protein and fat
- Also removes stubborn soiling
- Foam-free adjustment; surfactant-free
- Particularly material-preserving adjustment
- Suitable for stainless steel, normal steel, iron, aluminium, copper, brass, light and non-ferrous alloys, tinned materials and alkali-resistant plastics and seals

Application and Dosage:

- For cleaning using automated CIP processes or in circulation processes:
  The application concentration is 0.5 - 2.0 per cent by weight depending on application, water hardness and degree of soiling, at temperatures of 40 °C - 85 °C.
- Manual cleaning:

  The application concentration is 0.5 - 5.0 per cent by weight, depending on application, water hardness and degree of soiling.

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.
- Rinse out dosing system including suction hose with water before changing product.
- 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 RD 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 0,41 = % (w/w) neomoscan RD

DR. WEIGERT
Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85 • 20539 Hamburg, Germany
Tel.: +49 40 7 89 60 0
Fax: +49 40 7 89 60 120
info@drweigert.de
www.drweigert.com

neomoscan® RD

Technical data:

Appearance	clear, yellow-green liquid
pH-value	approx 12 (1% in deionised water, 20 °C)
Density	approx. 1.3 g/cm^3 (20 °C)
p-value	approx. 10 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine	200–220 mg/l (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 % phosphates, chlorine-based bleaching agents

Storage information:

Always store at a temperature between 0 °C and 25 °C. Keep away from sunlight. Usable for 1 year 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.

MB 1101/3-1
Date of issue: 05/2023

DR. WEIGERT
Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85 • 20539 Hamburg, Germany
Tel.: +49 40 7 89 60 0
Fax: +49 40 7 89 60 120
info@drweigert.de
www.drweigert.com