



neomoscan[®] CP acid 300

Acidic detergent for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Cleaning of production and filling plants, containers, tanks and pipes via automated CIP processes or in the circulation process as well as for cleaning small parts and detachable parts in cleaning systems.

Performance spectrum:

neomoscan CP acid 300 contains phosphoric acid and special wetting agents and has the following properties:

- Powerfully solves mineral deposits and other acid-soluble deposits
- Emulsifying action
- Infiltrates organic deposits and supports their removal
- Good dirt-carrying capacity
- Foam-free from 40 °C onwards
- Material-friendly formulation
- Suitable for stainless steel (e.g. 1.4301, 1.4571) as well as acid-compatible plastic (e.g. PVC, PP) and sealings (e.g. EPDM, PTFE)

Application and Dosage:

- The application concentrations are between 0.5 – 2.5 (w/w) in the temperature range of 40 – 80 °C, depending on soiling, application area and water quality
- The exact application parameters must be determined with the help of practical tests.
- neomoscan CP acid 300 must not be mixed with active chlorine-containing cleaning solutions.

- Acidic and/or oxidative detergents and disinfectants must not be used for long-term use due to the risk of pitting corrosion of stainless steel. The formation of pitting corrosion is facilitated by high chloride amounts in the water, high temperatures and still solutions.
- When using neomoscan CP acid 300 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.

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



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Determining concentration:

On request we are pleased to provide you with methods for quantifying the residues of detergents in order to validate the cleaning performance in the pharmaceutical industry.

After adding one to two drops phenolphthalein solution, 10 ml of neomoscan CP acid 300-solution is titrated with 0.1 N sodium hydroxide solution (NaOH) until the colour changes from colourless to red

ml of 0.1 N NaOH used x 0.11 = % (w/w)
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Technical data:

Appearance	Clear colourless liquid
pH-value	1.8 (1 % in deionised water, 20 °C)
Density	approx. 1.3 g/cm ³ (20 °C)
Alkaline capacity	approx. -37 (ml of 0.1 N NaOH solution used in titration of 400 mg of concentrate against phenolphthalein)

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 - 15 % non-ionic surfactants

> 30 % phosphates

Storage information:

Always store at a temperature between 0 °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 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.

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Die Angaben dieses Merkblattes basieren 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.



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