



# neomoscan<sup>®</sup> CP plus 500

## Additive for the pharmaceutical and cosmetics industry

### Liquid concentrate

#### Fields of application:

- Enhancing the cleaning performance of alkaline solutions for cleaning of production and filling systems using automated CIP processes or circulation processes as well as deodorisation and removal of colouring agents
- Cleaning of small and detachable parts in cleaning systems

#### Performance spectrum:

neomoscan CP plus 500 is an active-substance concentrate based on hydrogen peroxide, among other things, with the following properties:

- Enhances the cleaning performance of alkaline cleaning solutions through oxidative action
- Supports the removal of stubborn soiling
- Reliably removes colouring agents and aroma compounds
- Free of surfactants
- Suitable for oxidation-resistant materials and plastics
- Material compatibility is geared towards the basic alkaline component used

#### Application and dosage:

- neomoscan CP plus 500 is used in combination with application solutions of sodium hydroxide or manufactured alkaline cleaning agents from the neomoscan CP alka series.
- When neomoscan CP plus 500 is used in CIP or circulation processes, it is dosed into the feed tank or in-line for immediate use. The application concentration is 0.2 – 1.0 % (w/w), depending on soiling, water hardness and application, in the temperature range of 60 – 85 °C

- To ensure optimal effectiveness throughout the cleaning period, neomoscan CP plus 500 should be added in intervals.
- The exact application parameters should be determined with the help of practical experiments
- Due to the separation of oxygen and resulting pressure increase, pressure equalisation must be ensured when neomoscan CP plus 500 is used in closed systems.
- neomoscan CP plus 500 must not be mixed with cleaning solutions that contain active chlorine.
- Do not bring the undiluted product into contact with organic substances or with other concentrated cleaners and disinfectants.

#### Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, after each cleaning and disinfection measure.
- Do not mix with other products.
- Rinse out the dosing system including suction hoses with water before changing product.
- Dose only 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 and neomatik dosing devices from Dr. Weigert enable controlled, safe and economical application. We are a specialist operation as per the German Federal Water Act (WHG).



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Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

## Determining concentration:

To determine concentration, 10 ml detergent solution is mixed with 5 ml of a 5 % potassium iodide-solution and 5 ml of 10 % hydrochloric acid. After adding 1 – 2 drops of a 10 % ammonium molybdate solution, the brown solution is titrated with 0.1 N sodium thiosulphate solution until colourless.

ml of 0.1 N sodium thiosulphate solution used x 0.11 = % (w/w) neomoscan CP plus 500

Further product information for the cleaning validation is available on request.

## Technical data:

Appearance	Clear, colourless liquid
pH value	2.8 (1 % in fully deionised water, 20 °C)
Density	Approx. 1.1 g/cm <sup>3</sup> (20 °C)

The product specification may contain deviating test parameters and is available on request.


## Ingredients:

Ingredients for cleaning agent according to Regulation (EC) no. 648/2004 on Detergents:

< 5 % phosphonates

5–15 % oxygen-based bleaching agents

## Storage information:

Always store at a temperature between 0 and 25 °C. Keep away from sunlight. Usable for 2 years when stored as recommended. For the 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 and environmental 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 applicable guidelines for food processing.

Dispose only when the container is empty and closed. For disposal of product residues, refer to the safety data sheet.

DS 1003/3-1

Date of issue: 03/2022

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.