neomoscan® CP alka 140

Alkaline detergent for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Cleaning of production and filling systems, containers, tanks and lines using automated CIP processes or circulation processes in the pharmaceutical and cosmetics industries.
- Cleaning of small and detachable parts in automated cleaning systems.

Performance spectrum:

neomoscan CP alka 140 contains alkalis and complexing agents, and has the following properties:

- Reliably removes organic contaminants
- Complexing action, suitable for all water hardnesses
- Foam-free adjustment, surfactant free
- Suitable for stainless steel (1.4301, 1.4571) and alkali-resistant plastics (e.g. PVC, PP) and seals (e.g. EPDM, PTFE)
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys

Application and dosage:

- Cleaning using automated cleaning processes:
  The application concentration is
  0.5 – 3.0 % (w/w), depending on application, water hardness and degree of soiling, at
  5 – 80 °C.
- The exact application parameters should be determined with the help of practical experiments.

  For soiling with high fat and oil content, enhanced cleaning and defoaming can be achieved through combination with active-substance concentrates from the neomoscan CP plus series.

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

Determining concentration:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan CP alka 140 solution 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 0.09 = % (w/w)
neomoscan CP alka 140

Product information on cleaning validation is available on request.

neomoscan® CP alka 140

Technical data:

Appearance	Clear, brownish liquid
pH value	12.7 (1% in fully deionised water, 20 °C)
Density	Approx. 1.5 g/cm^3 (20 °C)
p-value	Approx. 46 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenol-phthalein)

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

Storage information:

Always store at a temperature between 0 and 30 °C. Usable for three 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 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.

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