



Disinfectant for the food, pharmaceutical and cosmetics industry

Liquid concentrate



Fields of application:

- Disinfection of production and filling systems such as containers, tanks, lines and heat exchangers using automated CIP processes or circulation process in the food, pharmaceutical and cosmetics industries.
- Disinfection of small and detachable parts in cleaning systems in the pharmaceutical and cosmetics industries.
- Disinfection of cleaned milking and milk-cooling systems and for interim disinfection of milking clusters using immersion and spraying processes and using automatic rinsing systems. Disinfection of brushes in automatic milking systems in the milk production area.

Performance spectrum:

neoseptal PE 15 is a highly effective disinfectant based on peracetic acid with the following properties:

- Fast and wide-ranging efficacy
- Bactericidal, yeasticidal and fungicidal according to EN 1276 and EN 1650
- Sporocidal according to EN 13704
- Foam-free adjustment – tenside-free
- Included in the IHO list of disinfectants
- Optimally suited to interim disinfection of milking equipment according to EN 1276 and EN 13697
- Included in the input list for organic farming and organic processing in Germany
- Suitable for stainless steel, aluminium, tinned iron and acid-compatible plastics up to an application concentration of 1.0 percent by volume

- Not suitable for copper, brass and other non-ferrous alloys as well as galvanised iron
- For plastic-lined tanks in the drinks industry, preliminary tests need to be carried out or you can contact us.

Application and Dosage:

- The application parameters named below must be adhered to, depending on the efficacy.

Disinfection of cleaned systems in the food, pharmaceutical and cosmetics industries:	
Bactericidal (EN 1276)	0.25 ml/l (0.025 percent by volume), 5 min, 20 °C 2 ml/l (0.2 percent by volume), 15 min, 10 °C
Yeasticidal (EN 1650)	1 ml/l (0.1 percent by volume), 15 min, 20 °C 2 ml/l (0.2 percent by volume), 15 min, 10 °C
Fungicidal (EN 1650)	10 ml/l (1.0 percent by volume), 15 min, 20 °C
Sporocidal (EN 13704)	0.5 ml/l (0.05 percent by volume), 60 min, 20 °C 2.5 ml/l (0.25 percent by volume), 15 min, 20 °C

Interim disinfection of milking equipment	
Bactericidal (EN 1276 and EN 13697)	10 ml/l (1.0 percent by volume), 30 min, 20 °C

- neoseptal PE 15 must not be mixed with active chlorine-containing cleaning solutions.
- Do not let the concentrate come in contact with either organic substances (e.g. oils, grease/fat, rubber, paper, general soiling) or with rust or metal shavings/abrasions
- Acidic and/or oxidative detergents and disinfectants must not be used for standing disinfection 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 cleaning small and detachable parts it must be observed that the use of neoseptal PE 15 is not suitable for all washers.
- Before the first use of neoseptal PE 15 the compatibility of the product with washer parts and cleaning programs must be checked by the Application Technology Department neomoscan together with the manufacturer of the washer.
- When using neoseptal PE 15 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.
- 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.
- *Use disinfectants safely. Always read the label and product information before use.*

Expert reports:

The disinfecting activity has been confirmed by certification. We will be pleased to provide certificates on request.

Determining concentration:

The working solutions is determined by a special procedure. A detailed description of the method can be obtained on request.

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.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or deionised water – especially those that come in contact with food or pharmaceutical and cosmetic products – after each cleaning and disinfection measure
- 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 instructions given by the manufacturer of the milking and milk cooling systems are to be observed.

Technical data:

Appearance	Clear, colourless liquid
pH-value	2.6 (1 % in deionised water, 20 °C)
Density	approx. 1.1 g/cm ³ (20 °C)

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:

Active substances in 100 g: 15.39 peracetic acid



Storage information:

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

¹ IHO – Industrieverband Hygiene und Oberflächenschutz
[German Association for Hygiene and Surface Protection]

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