

neoseptal[®] PE

Disinfectant for the food industry –
Liquid concentrate



Main fields of application:

Disinfection of cleaned production plants, containers, tanks, pipes, heat exchangers as well as filling systems via automated CIP processes or in a circulation process

For professional use only.

Properties:

neoseptal PE is a disinfectant based on peracetic acid and hydrogen peroxide with the following properties:

- bactericidal and fungicidal according to EN 1276 and EN 1650
- sporicidal activity according to EN 14347
- rapid action
- foam-free formula
- included in the IHO¹ disinfectant list
- suitable for stainless steel, aluminium, tin-plated iron and acid-compatible synthetic materials up to a dosage of 1,8 vol.-% or 2 weight-%
- not suitable for copper, brass, other non-ferrous metal alloys and galvanised iron
- preliminary tests must be carried out with tanks lined with synthetic material used in the beverage industry. Please contact us.

Dosage:

Disinfection of cleaned production plants, containers, tanks, pipes, heat exchangers as well as filling systems	
bactericidal (EN 1276)	1 ml/l (0.1 vol.-%), 5 min, 20 °C
yeastocidal (EN 1650)	10 ml/l (1.0 vol.-%), 5 min, 10 °C
fungicidal (EN 1650)	15 ml/l (1.5 vol.-%), 30 min, 20 °C 15 ml/l (1.5 vol.-%), 45 min, 10 °C
sporicidal (EN 14347)	10 ml/l (1.0 vol.-%), 15 min, 20 °C

Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.

Do not mix with other products.

Only dose from the original container.

Do not use as a concentrate – only as a solution.

Do not let the concentrate come in contact with either organic substances (e.g. oils, fat, paper, general soiling) or rust or metal shavings.

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

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.

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 disinfectant safely. Always read the label and product information before use.

¹Industrieverband für Hygiene und Oberflächenschutz/ German Association for Hygiene and Surface Protection



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Die Angaben dieses Merkblattes beruhen 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.

With the above information, which is appropriate to our current knowledge we describe our product regarding possible safety necessities, but we do not involve any quality description or promise certain properties.

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Expert reports:

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

Determining concentration:

The working solution concentrations are determined according to a special procedure. A detailed description of the method can be obtained on request.


Technical data:

Appearance: Clear, colourless liquid
Density (20 °C): approx. 1.12 g/cm³
pH value (1 % in deionised water, 20 °C): approx. 3

Ingredients:

Active substances in 100 g: 4.9 g peracetic acid, 25.5 g hydrogen peroxide

Storage information:

Always store at a temperature between -20 and 25 °C. Do not expose to direct sunlight. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol .

Hazard and precautionary statements:

Observe the information sheet "Safety Recommendations for Handling Products Containing Peracetic Acid" available at www.drweigert.com under the category "Service".

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 Safety Data Sheet.

For further safety information see EC Safety Data Sheets. These are available at www.drweigert.com under the headline "Service".

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