

# neodisher<sup>®</sup> PM 5

Mildly alkaline cleaning agent in powder form  
for use in the immersion bath



<b>Main fields of application:</b>	Manual cleaning of laboratory glassware and surgical instruments in hospitals, medical and biological laboratories and laboratories of food industry and in industry.
<b>Characteristics:</b>	<p>neodisher PM 5 is a mildly alkaline cleaning agent with high hard water tolerance, which can be used in automatic cleaning of all kinds of residues, e.g. organic residues, such as blood and protein, food residues etc. and inorganic residues.</p> <p>Interior walls of pipettes and gauges are fully wettable and, at the same time, the neodisher PM 5 solution can be very easily rinsed off, protects the material and is suitable for all kinds of laboratory utensils, as well as for light alloys, chromium plated and non-ferrous metal equipment, stainless steel and mirrors. Anodised aluminium objects should first be checked for suitability.</p>
<b>Application and dosage:</b>	<p>0.5 - 2 % in an immersion bath.</p> <p><b>Notes:</b> Concerning usual pollution, solutions with 0.5 % are used. Concerning stronger pollution, the concentration is increased to 1 - 2 %. The preparation in warmer solutions supports the cleaning. In order to achieve the best results in cleaning, neodisher PM 5 has to be totally dissolved.</p> <p>Optimal cleaning is achieved with complete dissolution in warm solutions at a treatment time of 10 - 20 min and of even stubborn contamination in a maximum of 2 - 4 h. The stability of the solution is dependent on the soil loading.</p> <p>Polluted solutions have to be renewed in due time.</p> <p>Due to the cleaning with neodisher PM 5, the inner walls of pipettes and measuring devices are kept fully wettable, therefore the use of chromium sulphuric acid is unnecessary.</p> <p>Layers of sorbents of self-coated plates in thin layer chromatography can be cleaned completely using 1 - 2 % solutions of neodisher PM 5.</p> <p>Subsequently the neodisher PM 5-solution has to be rinsed out completely by sufficient rinsing.</p> <p>Do not mix with other products.</p>
<b>Technical data:</b>	<p>Bulk density: 1.100 - 1.200 g/l pH-range (determined in deionised water, 20 °C) 0.5 - 2 %: 11.2 - 11.8 Titration factor: 1.21 (in accordance with neodisher titration method)</p>
<b>Ingredients:</b>	<p>Ingredients according to Regulation (EC) No 648/2004 on detergents: &lt; 5 % anionic surfactants, non-ionic surfactants, oxygen-based bleaching agents &gt; 30 % phosphates</p>
<b>CE-marks:</b>	neodisher PM 5 conforms to the requirements of the legislation for medical devices according to the European directive 93/42/EC.



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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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## Storage information:

Keep containers tightly closed. Product is affected by moisture.

## Hazard and precautionary statements:

For safety information see EC safety data sheets. These are available at [www.drweigert.com](http://www.drweigert.com) under the category "Download".

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 Material Safety Data Sheet.

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