

# neodisher<sup>®</sup> N

*This information is not valid for Italy.*

Liquid acid cleaning and neutralisation agent  
for use in special washing machines



<b>Main fields of application:</b>	Used as a neutralisation agent following the use of an alkaline cleaning agent. Also used as a cleaning agent for the acidic prewash during the mechanical cleaning of surgical instruments, stainless steel transport trolleys and laboratory glassware in hospitals and laboratories. Also used for the mechanical cleaning of animal cages used to keep animals for experimental purposes.
<b>Characteristics:</b>	<p>neodisher N is free from surfactants and is easy to rinse away; it acts as a cleaning agent for acid-soluble residues such as lime and urine deposits, and it also neutralises alkaline cleaning agent residues.</p> <p>All usual items of laboratory equipment made of glass, ceramic material, stainless steel and acid-resistant plastics are resistant to neodisher N-solutions. Non-ferrous heavy metals, chromium- and nickel-plated parts as well as anodised aluminium are attacked by neodisher N solutions. Attention must therefore be paid to the acid resistance of the items to be rinsed, the machine, the outflow pipes and any waste water raising systems which might be present; Eternit and cast-iron pipes are not suitable.</p>
<b>Application and dosage:</b>	<p><u>As a cleaning agent:</u> 2 - 4 ml/l at 40 - 60 °C using suitable dosing devices</p> <p><u>As a neutralisation agent:</u> 1 - 2 ml/l using suitable dosing devices</p> <p>Subsequently the neodisher N-solution has to be rinsed out completely by sufficient rinsing.</p> <p>Do not mix with other products.</p> <p><b>Note:</b> The acid resistance of the contents of the washer, the machine and the drain pipes has to be considered.</p>
<b>Technical data:</b>	<p>Specific gravity (20 °C): 1.5 g/cm<sup>3</sup> pH-range (determined in deionised water, 20 °C) 1 - 4 ml/l: 2.2 - 1.4 Viscosity (concentrate, 20 °C): &lt; 10 mPas Titration factor: 0.16 (in accordance with the neodisher titration method)</p>
<b>Ingredients:</b>	Ingredients according to recommendation 89/542/EEC for detergents: 15 - 30 % inorganic phosphorus (from phosphoric acid)
<b>CE-marks:</b>	neodisher N conforms to the requirements of the legislation for medical devices according to the European directive 93/42/EC.
<b>Storage information:</b>	Sensitive to frost below - 15 °C. Usable for 4 years when stored as recommended.



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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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## Hazard warnings and safety advice:

Classification and labelling according to the Dangerous Preparation Directive 1999/45/EC for the concentrate as delivered.

Hazard symbol C - corrosive

contains: Phosphoric acid > 25 %

### Risk phrases:

R 34 - Causes burns.

### Safety phrases:

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 27 - Take off immediately all contaminated clothing.

S 28 - After contact with skin, wash immediately with plenty of water.

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

For further safety information see EC-Safety data sheets. These are available e.g. under [www.drweigert.de](http://www.drweigert.de) under the headline "Service".

MB 4201 GB/2-1  
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