

# neodisher<sup>®</sup> Z

Liquid acid cleaning and neutralisation agent  
for use in special washing machines, free from phosphorus



- Main fields of application:** Used as a neutralisation agent following the use of a mildly alkaline cleaning agent. Also used as a cleaning agent for the acidic pre-wash during the mechanical cleaning of surgical instruments, anaesthesia utensils, laboratory glassware and utensils in hospitals, pharmacies, nursery kitchens, water laboratories, industrial and research laboratories.
- Characteristics:** neodisher Z is free from phosphates and surfactants, and it can therefore be used for sensitive examinations of water in water analysis laboratories, and also wherever residues of phosphates, phosphoric acid, components containing nitrogen and surfactants interfere in subsequent operations.  
neodisher Z contains less than 10 ppm P<sub>2</sub>O<sub>5</sub>.  
neodisher Z is used as a neutraliser of mildly alkaline cleaning agent residues in the mechanical preparation of medical utensils in hospitals.  
neodisher Z can also be used as an acid cleaning agent to remove acid-soluble residues such as lime.  
neodisher Z offers a high degree of material protection and does not attack sensitive materials. Attention must 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.
- Application and dosage:** Use in special washing machines:  
As a cleaning agent: 2 - 5 ml/l at 40 - 60 °C using suitable dosing devices  
As a neutralisation agent: 1 - 2 ml/l using suitable dosing devices  
neodisher Z is used to neutralise alkaline residues from the main cleaning exit. Basically, neodisher Z should be used as a neutralising agent where residues of phosphates, phosphoric acids, azotic compounds and surfactants will disturb subsequent work and a particular protection of the material is necessary.  
neodisher Z is used for acidic cleaning in clock band plants to prepare implements and surgical tools if acidic cleaning is scheduled and furthermore in cleaning and disinfectant machines.  
**Note:**  
If neodisher Z is used as a cleaner the acid resistance of the contents of the washer, the machine and the drain pipes has to be considered.  
Subsequently the neodisher Z-solution has to be rinsed out completely by sufficient rinsing. Do not mix with other products.
- Technical data:** Specific gravity (20 °C): 1.2 g/cm<sup>3</sup>  
pH-range (determined in deionised water, 20 °C): 1 - 5 ml/l: 3.0 - 2.6  
Viscosity (concentrate, 20 °C): < 10 mPas  
Titration factor: 0.35 (in accordance with the neodisher titration method)
- Ingredients:** Ingredients according to recommendation 89/542/EEC for detergents:  
Organic acids
- CE-marks:** neodisher Z conforms to the requirements of the legislation for medical devices according to the European directive 93/42/EC.
- Storage information:** Sensitive to frost below - 3 °C. Usable for 4 years when stored as recommended.



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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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## Hazard warnings and safety advice:

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

Hazard symbol Xi - irritant

### Risk phrases:

R 36 - Irritating to eyes.

### Safety phrases:

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

S 46 - If swallowed, seek medical advice immediately and show this container or label.

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".

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