

# neodisher<sup>®</sup> N

*This information is not valid for Italy.*

Liquid acid cleaning and neutralisation agent  
for use in special washing machines, free of surfactants



## Main fields of application:

Neutralisation of alkaline residues in the neutralisation step and/or acidic pre-wash during the automated cleaning of

- surgical instruments, anaesthesia utensils, containers, operating shoes, and baby bottles as well as other medical devices

Acidic pre-wash of

- laboratory glassware,
- animal cages used to keep animals for experimental purposes and stainless steel transport trolleys.

## Characteristics:

neodisher N neutralises alkaline residues of cleaning agents and removes acid-soluble residues such as lime and urine deposits. It is free from surfactants and is easy to rinse away.

All usual items 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.

## Application and dosage:

In special washing machines (using suitable dosing systems):

- **for neutralisation of alkaline residues:** 1 - 2 ml/l in the first rinsing after the alkaline cleaning step.
- **for the acidic pre-cleaning / cleaning:** 2 - 4 ml/l at 40 - 60 °C
- **for automated cleaning of animal cages:** 3 - 4 ml/l at 60 - 80 °C

Subsequently the neodisher N-solution has to be rinsed out completely by sufficient rinsing.

Do not mix with other products. Rinse out dosing system including hose with water before changing product.

Only for professional use.

### Note:

Attention must be paid to the acid resistance of the items to be washed, the washer and the drain pipes which might be present; Eternit and cast-iron pipes are not suitable.

## Technical data:

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): < 10 mPas

Titration factor: 0.16 (in accordance with the neodisher titration method)

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
15 - 30 % inorganic phosphorus (from phosphoric acid)

## CE-marks:

neodisher N conforms to the requirements of the legislation for medical devices according to the European directive 93/42/EC.

## Storage information:

Sensitive to frost below - 15 °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 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).

Dispose only when container is empty and closed. For disposal of product residues, refer to Material Safety Data Sheet.

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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