

neodisher® UW

Mildly alkaline cleaning agent in powder form,
for use in special washing machines, free from phosphates



Main fields of application: Mechanical cleaning of laboratory glassware and utensils in water laboratories, serological institutes and in the phosphate industry.

Characteristics: neodisher UW is a cleaning agent with a mildly alkaline formulation, which offers material protection. It can be used for all usual laboratory utensils and glassware to remove inorganic and organic residues. neodisher UW is free from phosphates.

Application and dosage: Use in special machines:
3 - 5 g/l using suitable dosing devices or added manually.

Notes:

For cleaning laboratory glassware for serological investigations and enzyme determinations (e.g. in the Human and veterinary medicine):

Pre-rinse without additions.

Cleaning: 3 - 5 g/l neodisher UW

Neutralisation: 1 - 2 ml/l neodisher Z

Rinsing: several times with softened water, finally with deionised water.

For cleaning analytical glassware (e.g. in the Phosphate industry):

Pre-rinsing: If necessary with neodisher Super or without additions.

Cleaning: 3 - 5 g/l neodisher UW

Neutralisation: 1 - 2 ml/l neodisher Z

Rinsing: several times, using deionised water for the final rinse.

For cleaning laboratory glassware for water and effluent investigations (e.g. in water works):

Pre-rinse without additions.

Cleaning: 3 - 5 g/l neodisher UW

Neutralisation: 1 - 2 ml/l neodisher Z

Rinsing: several times with softened water, finally with deionised water.

Note: If exceptional freedom from phosphate on the glass surfaces is required, the process water used must also be tested for freedom from phosphate.

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

Do not mix with other products.

Technical data: Bulk density: 1.005 - 1.055 g/l
pH-range (determined in deionised water, 20 °C) 3 - 5 g/l: 10.9 - 11.7
Titration factor: 0.31 (in accordance with neodisher titration method)

Ingredients: Ingredients according to recommendation 89/542/EEC for detergents:
< 5 % non-ionic surfactants,
5 - 15 % bleaching agent based on oxygen (sodium perborate)
15 - 30 % NTA

Storage information: Keep the container tightly closed. The product is sensitive to moisture.



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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: Sodium metasilicate, solid > 10 %

Risk phrases:

R 34 - Causes burns.

Safety phrases:

- S 22 - Do not breathe dust.
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 28 - After contact with skin, wash immediately with plenty of water.
S 37/39 - Wear suitable 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 under the headline "Service".

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