

# neodisher® LaboClean UW

Alkaline detergent for the automated reprocessing of laboratory glassware powder



## Main fields of application:

Automated cleaning of laboratory glassware and laboratory utensils in water laboratories, serological institutes and in the phosphate industry.

## Characteristics:

neodisher LaboClean UW is a mildly alkaline detergent with good material protection and a good cleaning action regarding organic and anorganic soilings.

neodisher LaboClean UW is free of phosphates. The  $P_2O_5$  content is below 50 ppm  $P_2O_5$  in the concentrate.

neodisher LaboClean UW can be used with water hardnesses of up to 1,1 mmol/l.

## Application and dosage:

neodisher LaboClean UW is used in laboratory washers for the cleaning of laboratory glassware. The dosage depends on the degree of contamination of the items to be cleaned and is 3 - 5 g/l.

Suitable dosing devices must be used for dosing.

Typical programmes are as follows:

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

Pre-rinse without additions.

Cleaning: neodisher LaboClean UW, 3 - 5 g/l

Neutralisation: neodisher Z, 1 - 2 ml/l

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: neodisher LaboClean UW, 3 - 5 g/l

Neutralisation: neodisher Z, 1 - 2 ml/l

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: neodisher LaboClean UW, 3 - 5 g/l

Neutralisation: neodisher Z, 1 - 2 ml/l

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

If the glass surface must be absolutely free of phosphates, it must also be ensured that the process water is also absolutely free of phosphates.

The neodisher LaboClean UW working solution has to be rinsed off completely by sufficient rinsing.

The washer disinfectant's manufacturer's instructions for use are to be observed.

Do not mix with other products.

Only for professional use.

## Technical data:

Bulk density: approx. 970 g/l

pH-range (determined in deionised water, 20 °C) 3 - 5 g/l: 11.7 - 11.9

Titration factor: 0.29 (in accordance with neodisher titration method)

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:

< 5 % non-ionic surfactants, 5 - 15 % oxygen-based bleaching agents



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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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## Storage information:

Keep the container tightly closed. The product tends to get lumpy when exposed to dampness which can cause a loss of effectiveness.

Always store at a temperature range between 0 and 25 °C.

Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol .

## Hazard and precautionary statements:

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

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

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