neodisher® LaboClean FLA

Alkaline detergent for the automated cleaning of laboratory glassware

Liquid concentrate

Fields of application:

- Automated cleaning of laboratory glassware in medical, biological, microbiological and chemical laboratories, water laboratories as well as laboratories in the phosphate, food, cosmetics, pharmaceutical, mineral oil industry and other industries as well as automated cleaning of medicine bottles and animal cages

Performance spectrum:

- Removes stubborn oily residues and other organic residues, e.g. fats, oils, starch, residues of felt-tip pens
- Suitable for the automated cleaning of commonly used laboratory utensils made of glass[1], ceramics, stainless steel, plastics[2]
- Not suitable for light metals and non-ferrous metals, aluminium, anodised aluminium and other light metal alloys

Special properties:

- Universal application
- High cleaning performance and high dirt carrying capacity
- High proportion of dispersants
- Free of phosphates, surfactants or oxidising agents

Application and dosage:

neodisher LaboClean FLA is used in special washer disinfectors. The dosage depends mainly on the area of application and the individual degree of contamination of the items to be washed. It is 2 - 6 ml/l. Use suitable dosing devices. The water for the cleaning process using neodisher LaboClean FLA should not exceed 0.5 mmol/l total water hardness. Residues of culture media must be removed prior to automated cleaning.

Programme:

For the removal of grease, oils, starch:	
Cleaning with neodisher LaboClean FLA	4 ml/l, 60 - 95 °C
Optional addition of neodisher EM	1 - 3 ml/l
Neutralisation with neodisher N	2 ml/l

For the removal of organic dyes:	
Cleaning with neodisher LaboClean FLA	4 ml/l, up to 95 °C
Neutralisation with neodisher N	2 ml/l

For the removal of hop resins and beer residues, yeast and mash:	
Cleaning with neodisher LaboClean FLA	4 ml/l, up to 95 °C
Neutralisation with neodisher N	2 ml/l

General instructions for use:

- The neodisher LaboClean FLA working solution has to be rinsed off completely (preferably with deionised water).
- Do not mix with other products.
- Rinse out dosing system including suction hose with water before changing product
- The instructions given by the manufacturer of the washer disinfector are to be observed
- Please observe the cleaning recommendations given by the manufacturer of the laboratory glassware, medicine bottles and animal cages as well as the recommendations of the working group for cage processing" (AK KAB) in the current issue of the AK KAB brochure "Cage Processing in Animal Facilities properly done" and the working group for reprocessing of lab glasses (AK LAB) in

the current edition of the AK LAB brochure “Laboratory Glassware Reprocessing – safe and residue-free reprocessing of laboratory glassware”.

- For professional use only.

Technical data:

Density	1.4 g/cm³ (20 °C)
pH-range	12.3 - 12.8 (2 - 6 ml/l, determined in deionised water, 20 °C)
Viscosity	< 50 mPa s (concentrate, 20 °C)
Titration factor	0.35 (in accordance with neodisher titration method)

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 - 15 % polycarboxylates

Storage information:

Always store at a temperature between 0 °C and 30 °C.
Usable for 3 years when stored as recommended.
For expiry date refer to the stamp mark on the label behind the hourglass symbol ⧗.

Hazard and precautionary statements:

For safety information see EC Safety Data Sheets. These are available at www.drweigert.com under the category “Service/ Downloads”.

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

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[1] Types of glass suitable for automated alkaline cleaning in accordance with the manufacturer's instructions
[2] Plastics suitable for automated alkaline cleaning in accordance with the manufacturer's instructions