neodisher® LaboClean F

Alkaline detergent for the automated cleaning of laboratory glassware powder

Main fields of application:

Automated cleaning of laboratory glassware and laboratory utensils in laboratories of the cosmetics industry, the mineral oil industry and in laboratories of the food industry and in industrial laboratories.

Characteristics:

neodisher LaboClean F contains alkaline components and dispersants. It is free of phosphates and surfactants. It removes grease, oil, paraffin, resin, organic dyes and felt pen residues.

neodisher LaboClean F does not attack stainless steel and precious metals. It is not suitable for non-ferrous and light metals. Boro silicate glass is resistant to solutions of neodisher LaboClean F, sodium glass can become cloudy over the time.

Application and dosage:

neodisher LaboClean F is used in laboratory washers for laboratory glassware. The dosage depends on the degree of contamination of the items to be cleaned and is 2 - 5 g/l.

Suitable dosing devices must be used for dosing.

Typical programmes are as follows:
For the removal of grease, oil, paraffin and resin:

Cleaning:	neodisher LaboClean F, 2 - 5 g/l, temperatures: up to 95 °C An addition of neodisher EM is advisible, if necessary to improve emulsification.
Neutralisation:	neodisher N, 2 ml/l

For the removal of hardly soluble oxides and metal salts with a combined acid and alkaline cleaning:

Pre-rinsing:	neodisher Super, 3 g/l
Cleaning:	neodisher LaboClean F, 2 - 5 g/l An addition of 1 g/l neodisher TR 3 to neodisher LaboClean F increases the complexing action.
Neutralisation:	neodisher N, 2 - 3 ml/l

For the removal of felt pen residues:

Cleaning:	neodisher LaboClean F, 5 g/l, temperatures: above 80 °C In the case of hardly removable felt pen residues it is necessary to maintain the temperature for 3 - 5 minutes.

The neodisher LaboClean F-solution has to be rinsed off completely (preferably with deionised water).

Do not mix with other products.

The washer disinfector´s manufacturer´s instructions for use are to be observed.

Only for professional use.

Technical data:

Bulk density: approx. 1000 g/l
pH-range (determined in deionised water, 20 °C): 2 - 5 g/l: 12.6 - 13.0
Titration factor: 0.14 (in accordance with the neodisher titration method)

Ingredients:

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

DR. WEIGERT
Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D – 20539 Hamburg
Telefon: (040) 789 60 - 0
Telefax: (040) 789 60 - 120
E-Mail: info @drweigert.de
Internet: www. drweigert.de

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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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powder

Storage information:

Keep 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 30 °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 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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