

neodisher[®] LA

Alkaline cleaning agent in powder form
for use in special washing machines



Main fields of application: Mechanical cleaning of laboratory glassware and utensils for laboratories in the foodstuffs processing industry, the cosmetics and mineral industries, and also in other laboratories.

Characteristics: neodisher LA has an alkaline formulation, and it contains high proportions of emulsifiers and dispersing agents: it therefore has an anti-foam action. neodisher LA removes oils, fats, resins, paraffins and organic dyestuffs. neodisher LA is not suitable for aluminium, anodises aluminium and light metal alloys. Borosilicate glass is resistant against neodisher LA, soda glass can become turbid in cause of time. neodisher LA can be used with any level of water hardness.

Application and dosage: 2 - 5 g/l using suitable dosing devices or added manually.

Notes:

For the removal of resins, waxes, oils and fats as well as preparations containing them:

Cleaning: neodisher LA 2 - 5 g/l

Temperatures: 60 - 95 °C

Neutralisation: neodisher N 2 ml/l

In the case of resins and other resistant residues a precleaning with neodisher LM3 must, i.a., be carried out.

For the removal of oils, fats, salves and creams:

Cleaning: neodisher LA 2 - 5 g/l

Temperatures: up to 95 °C

Neutralisation: neodisher N 2 ml/l

To increase the emulsifying action neodisher EM can be added, if required.

With cold-foaming oil and grease residues and machines with a cold-water inlet, neodisher defoamer S may be added if required.

To remove organic dyestuffs, e.g. azo and cyanin dyestuffs:

Cleaning: neodisher LA 3 g/l

Temperatures: up to 95 °C

Neutralisation: neodisher N 2 ml/l

Subsequently the neodisher LA-solution has to be rinsed out completely by sufficient rinsing. Do not mix with other products.

Technical data: Bulk density: 1.075 - 1.125 g/l
pH-range (determined in deionised water, 20 °C) 2 - 5 g/l: 12.0 - 12.8
Titration factor: 0.17 (in accordance with the neodisher titration method)

Ingredients: Ingredients according to recommendation 89/542/EEC for detergents:
< 5 % polycarboxylates, non-ionic surfactants
15 - 30 % phosphates

Storage information: Keep container tightly closed. Protect from 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 hydroxide, disodium metasilicate

Risk phrases:

- R 35 - Causes severe burns.
- R 37 - Irritating to respiratory system.

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).

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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