

neodisher® FT

Liquid, alkaline cleaning agent
for use in special washing machines



Main fields of application: Mechanical cleaning of laboratory glassware in bacteriology, virology, nuclear medicine, food industry and paint industry, as well as of infusion flasks, gas bottles and equipment in pharmacies.

Characteristics: neodisher FT has a very good cleaning action and is free from detergents including surface active substances. For the removal of nutrient mediums, blood, proteins, radioactive contaminants and residues of tissue cultures, neodisher FT has proved to be particularly effective in the residue-free cleaning of tissue-culture flasks, as well as in the area of microbiology and nuclear medicine. Oxidative action from active chlorine. Laboratory utensils of glass, ceramics, quartz and plastics can be cleaned with neodisher FT solutions without affecting the material. Not suitable for non-ferrous metals and light alloys. The use of water with a maximum of 5 °d (1 mmol/l) total hardness is recommended for the cleaning stage.

Application and dosage: 3 - 4 ml/l using suitable dosing devices.

Notes:

For the cleaning of glass culture dishes and infusion bottles:

Cleaning: 3 - 4 ml/l neodisher FT at 80 - 85 °C

Neutralisation: 2 - 3 ml/l neodisher Z or neodisher N

For removing food residues:

Pre-rinse: If necessary, with the addition of methyl cellulose for binding the fines.

Cleaning: 2 - 3 ml/l neodisher FT

If necessary, add 0.1 ml/l neodisher EM

Neutralisation: 1 - 2 ml/l neodisher N

For removing vegetable and fruit residues:

Pre-rinse: 2 ml/l neodisher FT cold

Cleaning: 3 - 4 ml/l neodisher FT at 60 - 85 °C

In the event of foaming, add neodisher Defoamer S

Neutralisation: 1 - 2 ml/l neodisher N

For removing textile dyes:

Pre-rinse in the case of alkaline dyestuffs: 1 g/l neodisher Super

Pre-rinse in the case of other dyestuffs: 2 ml/l neodisher FT

Cleaning: 3 - 4 ml/l neodisher FT at ca. 70 °C

Neutralisation: 1 - 2 ml/l neodisher N

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

Do not mix with other products.

Technical data: Specific gravity (20 °C): 1.3 g/cm³
pH-range (determined in deionised water, 20 °C) 3 - 4 ml/l: 11.8 - 12.2
Viscosity (concentrate, 20 °C): < 50 mPas
Titration factor: 0.92 (in accordance with neodisher titration method)

Ingredients: Ingredients according to recommendation 89/542/EEC for detergents:
< 5 % chlorine based bleaching agent (sodium hypochlorite)
5 - 15 % phosphates

Storage information: Product is very sensitive to heat and sunlight. Store in a cool place.
Sensitive to frost below - 20 °C.



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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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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: Potassium hydroxide, sodium hypochlorite (1 - 5 % active chlorine)

Risk phrases:

- R 31 - Contact with acids liberates toxic gas.
R 35 - Causes severe burns.

Safety phrases:

- S 23 - Do not breath aerosol.
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).

If applicated according to the instructions for use the product is safe in the sense of the appropriate guidelines upon medical devices.

For further safety information see EC-Safety data sheets. These are available e.g. under www.drweigert.de under the headline "Service".

MB 4100 GB/2-1
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