

# neodisher® LaboClean F

Alkaline cleaning agent in powder form,  
for use in special washing machines; free from phosphates.



**Main fields of application:** Mechanical cleaning of laboratory glassware and utensils in the cosmetics industry, in the foodstuffs industry and in industrial laboratories; also in the mineral oil industry.

**Characteristics:** neodisher LaboClean F has an alkaline formulation and is equipped with dispersing agents; it removes fats, oils, paraffins, resins and organic dyestuffs. neodisher LaboClean F is suitable for stainless steel, but not for non-ferrous heavy metals nor for light metals. Borosilicateglass is resistant against neodisher LaboClean F, soda glass can become turbid in course of time. neodisher LaboClean F is free from phosphates and surfactants.

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

For the removal of greases, oils, paraffins and resins:

Cleaning: 2 - 5 g/l neodisher LaboClean F

Temperatures: up to 95 °C

Addition of neodisher EM desirable, if necessary to improve emulsification.

Neutralisation: 2 ml/l neodisher N

For the removal of difficultly soluble oxides and metal salts

with a combined acid and alkaline cleaning:

Pre-rinsing: 3 g/l neodisher Super

Cleaning: 2 - 5 g/l neodisher LaboClean F

An addition of 1 g/l neodisher TR3 to neodisher LaboClean F increases the complexing action.

Neutralisation: 2 - 3 ml/l neodisher N

For the removal of felt-tip pen residues:

Cleaning: 5 g/l neodisher LaboClean F

Temperatures: above 80 °C


In the case of difficult-to-remove felt tip pen marks it is necessary to hold the temperature for 3 - 5 minutes.

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

Do not mix with other products  
Only for professional use.

**Technical data:** Bulk density: 1.125 - 1.175 g/l  
pH-range (determined in deionised water, 20 °C): 2 - 5 g/l: 12.0 - 13.0  
Titration factor: 0.15 (in accordance with the neodisher titration method)

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

**Storage information:** Keep container tightly closed. The product is sensitive to moisture.  
Store in a cool and dry place.  
Expiry date: refer the stamp mark on the label after the symbol 



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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: Sodium hydroxide

### Risk phrases:

R 35 - Causes severe burns.

### 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).

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

For further safety information see EC-Safety data sheets. These are available e.g. under [www.drweigert.de](http://www.drweigert.de) under the headline "Service".

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