

# neodisher® 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 F has an alkaline formulation and is equipped with dispersing agents; it removes fats, oils, paraffins, resins and organic dyestuffs. neodisher F is suitable for stainless steel, but not for non-ferrous heavy metals nor for light metals. Borosilicate glass is resistant against neodisher F, soda glass can become turbid in course of time. neodisher 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 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 F

An addition of 1 g/l neodisher TR3 to neodisher 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 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 F-solution has to be rinsed out completely by sufficient rinsing.

Do not mix with other products.

**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 recommendation 89/542/EEC for detergents:  
5 - 15 % polycarboxylates, NTA

**Storage information:** Keep container tightly closed. The product is sensitive to moisture.  
Store in a cool and dry place.



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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## 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: Sodiumhydroxide, solid > 5 %

### Risk phrases:

R 35 - Causes severe burns.

### Safety phrases:

- S 22 - Do not breathe dust.  
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 28 - After contact with skin, wash immediately with plenty of water.  
S 37/39 - Wear suitable 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](http://www.drweigert.de) under the headline "Service".

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**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](mailto:info@drweigert.de)  
Internet: [www.drweigert.de](http://www.drweigert.de)

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