

# neodisher® GK

Mildalkalisches Reinigungsmittel  
for use in special washing machines, free from surfactants – bactericidal - powder



## Main fields of application:

Mechanical cleaning of laboratory glassware, in microbiological, virological and nuclear medicine laboratories, isotope laboratories and pharmacies.

## Characteristics:

neodisher GK is a cleaning agent with disinfection properties und very high cleaning action. It removes residues of nutrient media, cell cultures and tissues, radioactive contaminants and organic dye and pigment impurities.

neodisher GK does not contain any surfactants and is easily to rinse off. Insbesondere hat sich neodisher GK für mikrobiologische und virologische Laboratorien bewährt, ebenso in den Bereichen der Nuklearmedizin und in Isotopenlaboratorien.

neodisher GK is suitable for utensiles in laboratories made of glass, ceramics, quartz and plastics. neodisher GK can be use with any level of water hardness.

## Application and dosage:

Bactericidal efficacy: 3 g/l (0,3%), 5 min, 60°C

For cleaning in special washing machine: 2 - 5 g/l using suitable dosing devices or added manually.

### Notes:

For the cleaning of culture bottles, test tubes and dishes as well as for the removal of cell debris, tissue culture residues and nutrient medium:

Cleaning: 3 - 5 g/l neodisher GK

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

Rinsing: several times with softened water, finally once or twice with deionised water.

If articles which have been in contact with infectious material are wet autoclaved before machine cleaning, neodisher LM 2 at a concentration of 3% should be added for better soil separation.

For the removal of radioactive contaminations in isotope laboratories:

Pre-rinsing: 3 g/l neodisher FT at 85 - 90 °C

Cleaning: 2 - 4 g/l neodisher GK

Neutralisation: 1 - 2 ml/l neodisher N or neodisher Z

For cleaning of infusion bottles in chemist's and in pharmaceutical works:

Cleaning: 2 - 4 g/l neodisher GK

Neutralisation: 1 - 2 ml/l neodisher Z, rinse adequately.

In the event of difficulties with particles in the items after cleaning, the quality of the water used for machine preparation should be checked.

For the removal of dyes and pigment in industrial laboratories:

Pre-rinsing: 1 - 3 g/l neodisher GK, cold water

Cleaning: 2 - 4 g/l neodisher GK, temperature above 75 °C

Neutralisation: 1 - 2 ml/l neodisher N

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

Do not mix with other products.

*Use disinfectant safely. Always read the label and product information before use.*

Only for professional use.

## Expert reports:

### Bactericidal efficacy:

Expert: Dipl.-Biol. R. Zschaler

GD 4103/01-89



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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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## Technical data:

Bulk density: 915 - 965 g/l  
pH-range (determined in deionised water, 20 °C) 2 - 5 g/l: 10.8 - 11.9  
Titration factor: 0.95 (in accordance with neodisher titration method)

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
> 30 % phosphates,  
disinfectants,  
-Active substances in 100 g: 3,8 g Troclosene sodium

## Storage information:

Store in a cool place, and keep the container tightly closed. The product is sensitive to heat and moisture. Usable for 2 years when stored as recommended.

## Hazard warnings and safety advice:

Classification and labelling according to the Dangerous Preparation Directive 1999/45/EC for the concentrate as delivered.

Hazard symbol Xi - irritant, N dangerous for the environment  
contains: dichlorisocyanuric acid-sodium salt (1-5%)

### Risk phrases:

R 31 - Gives off poisonous gas on contact with acid.  
R 36/37/38 - Irritating to eyes, respiratory system and skin.  
R 51/53 - Toxic to aquatic organisms . May cause long-term adverse effects in the aquatic environment

### Safety phrases:

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 37 - Wear suitable gloves.  
S 46 - If swallowed, seek medical advice immediately and show this container or label.

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

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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