

# carafom, neodisher

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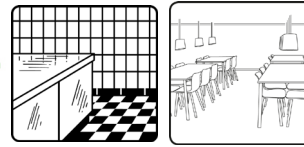
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# caraform<sup>®</sup> flex



All-purpose cleaner for surfaces

Liquid concentrate

Fields of application:

- Manual cleaning of water-proof surfaces, e.g. in canteens, professional kitchens, butcher's shops and bakeries as well as hospitals, children's day care homes, schools, office buildings, industry companies and laboratories

Performance spectrum:

- Universally applicable
- Reliably removes soiling e.g. from surfaces, tables, desks, furniture, equipment and floors, windows and window frames
- Suitable for water-proof materials, such as glass, cast and natural stone, marble, porcelain, synthetic materials, aluminium and stainless steel
- Suitable for wiping floors made of PVC, laminate, linoleum, sealed parquet, tiles and other water-proof materials

Special properties:

- For a brilliant shine and a pleasant, fresh fragrance
- Good material compatibility
- High cleaning performance for all kinds of soiling

EU Ecolabel: DE/020/389



Application and dosage:

caraform flex is diluted in accordance with the below-mentioned dosing recommendations. Wipe off soiling from the surfaces to be cleaned.

depending on the degree of soiling	5 ml/l -10 ml/l (0.5 – 1.0 %)
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In the case of extreme soiling (e.g. sooty fingerprints or soiling on structured synthetic materials) apply caraform flex in a higher concentration and rinse off thoroughly with water.

Proper dosage saves costs and minimizes environmental impacts.

General instructions on use:

- For professional use only.
- For economical and controlled dosing, we recommend using dosing ancillaries, such as mixing equipment and dosing caps. Please contact us.
- Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.



# caraform<sup>®</sup> flex


## Technical data:

pH-value	7 (0.5 – 10 ml/l, determined in deionised water, 20 °C)
viscosity	< 1,000 mPas (concentrate, 20 °C)
density	ca. 1.0 g/cm <sup>3</sup> (20 °C)

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % non-ionic surfactants, anionic surfactants  
also perfumes, preservatives  
(phenoxyethanol)

## Storage information:

Always store at a temperature between 0 °C und 30 °C.  
Usable for 3 years when stored as recommended.  
Expiry date: refer to the stamp mark on the label behind the hourglass symbol .

## Hazard and precautionary statements:

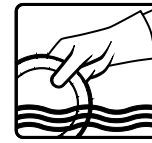
caraform flex is not a hazardous product according to the CLP-Regulation (EC) No 1272/2008.

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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



# caraform<sup>®</sup> nova



## Washing-up liquid

## Liquid concentrate

### Fields of application:

- Manual cleaning of dishes as well as pots and pans, cutlery and glasses in all food processing areas such as professional kitchens, butcher's shops and bakeries
- Also suitable for manually cleaning surfaces, tables etc.

### Performance spectrum:

- Reliably removes all kinds of food residues
- Effectively helps to remove persistent burnt-on and extremely greasy residues
- Suitable for all materials, such as glass, porcelain, synthetic materials, aluminium and stainless steel
- caraform nova is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands concerning ingredients and packaging.

### Special properties:

- Excellent skin tolerance
- Very economical
- Eco-friendly formula without perfume

DE/019/065



**Better for the environment...**

- reduced impact of aquatic life
- reduced use of hazardous substances
- reduced packaging waste
- clear user instructions

**...better for you.**

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### Application and dosage:

Dilute caraform nova in accordance with the below-mentioned dosing recommendations. Place items to be washed into the solution, allow it to take effect for a few minutes and clean thoroughly. Then rinse off the dirt with plenty of fresh water.

	lightly soiled	highly soiled
Dosage	0.04 % 0.4 ml/l	0.08 % 0.8 ml/l
Dosage per 5 l	2 ml	4 ml

To protect the environment do not clean under running water and observe recommended dosing amount.

In the case of subsequent automated cleaning we recommend using the special pre-cleaners neodisher prewash, neodisher preclean L and neodisher preclean P.

### Notes on application:

- For professional use only.
- For economical and controlled dosing we recommend using dosing ancillaries, such as e.g. mixing devices or dosing caps. Please contact us.
- Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.



## Technical data:

pH-value	approx. 5 (0.4 ml/l, determined in deionised water, 20 °C)
Viscosity	< 250 mPas (concentrate, 20 °C)
Density	1.04 g/cm <sup>3</sup>

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:


< 5 % non-ionic surfactants, amphoteric surfactants

5–15 % anionic surfactants

also preservation agents (potassium sorbate)

## Storage information:

Always store at a temperature between 0 °C and 30 °C.

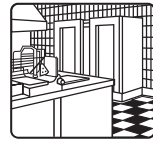
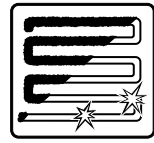
Usable for 3 years when stored as recommended.  
For expiry date refer to the stamp mark on the label behind the hourglass symbol .

## Hazard and precautionary statements:

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.



# caraform<sup>®</sup> special



## Descaler for surfaces and equipment

### Liquid concentrate

#### Fields of application:

- Cleaning of lime-encrusted surfaces and equipment in all food processing areas such as professional kitchens, butcher's shops and bakeries
- Universally applicable for cooking pots, bain-maries, sinks, kettles, cooking equipment and surfaces
- Also suitable for cleaning surfaces in sanitary areas.

#### Performance spectrum

- Reliably removes lime and other acid-soluble soiling as well as enclosed dirt
- Suitable for all materials such as glass, porcelain, plastic and stainless steel
- Not suitable for aluminium, anodised aluminium and light metal alloys
- caraform special is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

#### Special Properties:

- Fulfils the requirements of the EU Ecolabel due to the environmentally friendly formula
- Excellent material compatibility, based on citric acid
- No colourants

### Application and dosage:

Apply caraform special diluted or undiluted on the surfaces to be cleaned according to the below mentioned dosing recommendations, allow the product to act for a short time and then rinse off the solved dirt particles with plenty of fresh water.

Light soiling, such as e.g. slight lime and lime soap deposits	10 ml/l (1.0 %)
Normal to heavier soiling, such as e.g. severe lime and lime soap deposits	concentrate

Proper dosage saves costs and minimises environmental impacts.

The working temperature should not exceed 80 °C. Do not exceed contact time.

All items must be acid-compatible!

For descaling coffee machines we recommend the use of neodisher CM special.

#### General instructions on use:

- For professional use only!
- For an economical and controlled dosage the use of manual dosing ancillaries such as mixing equipment or dosing accessories is recommended. Please contact us.
- Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.



## Technical data:

pH-value	approx. 1 (concentrate, 20 °C), approx. 1.5 ( 10 ml/l determined in deionised water, 20 °C)
Viscosity	< 50 mPas (concentrate, 20 °C)
Density	1.2 g/cm <sup>3</sup> (20 °C)
Titration factor	0.36 (according to instructions for titration)

## Ingredients:

Ingredients according to Regulation (EC)


No 648/2004 on detergents:

< 5 % non-ionic surfactants

## Storage information:

Always store at a temperature between  
-3 °C and 30 °C.

Usable for 3 years when stored as recommended.

Expiry date: refer to the stamp mark on the label  
behind the hourglass symbol .

## Hazard and precautionary statements:

If applied according to the instructions for use the  
product is safe according to the appropriate  
guidelines for food processing.

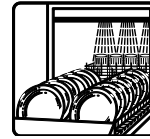
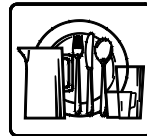


# neodisher® Alka 220



DE/038/052

## Intensive detergent for automated dishwashing



Liquid concentrate

Fields of application:

- Cleaning of tableware, glasses, cutlery, trays and working utensils in professional dishwashers in all food processing areas such as professional kitchens, butcher's shops and bakeries

Performance spectrum:

- Effectively removes all kinds of food residues
- Rapid swelling and removal of starch and protein residues due to high alkalinity and good dispersing performance
- Suitable for porcelain, stainless steel and all alkali compatible synthetic materials
- Not suitable for aluminium, anodised aluminium and light metal alloys
- neodisher Alka 220 is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

Special properties:

- Excellent cleaning performance; also in the case of stubborn soiling
- Ensures starch-free dishes at low dosing amounts and therefore cost effectiveness
- Odour-neutral, active chlorine-free formula without phosphate

Application and dosage:

neodisher Alka 220 can be used in all professional dishwashers. The dosing amount is 2-4 ml/l, depending on water hardness and degree of soiling. Observe dosing information.

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- Reduced impact on aquatic ecosystems
- Limited hazardous substances
- Performance tested

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	slightly dirty tableware	very dirty tableware
For soft water (0 - 6 °dH)	2 ml/l	2 ml/l
For medium hard water (7-13 °dH)	2 ml/l	3 ml/l
For hard water (> 14 °dH)	3 ml/l	4 ml/l

By using this EU eco-labelled product you contribute to the reduction of water pollution and waste when observing the dosage information.

The required temperature in the main washing tank has to meet the demands of the local conditions according to the corresponding laws, regulations and guidelines.

The temperature in the main washing tank should be at least 60 °C to ensure sufficient hygiene safety.

neodisher Alka 220 without an additional component is preferably used in combination with soft water (up to 6 °d total hardness), demineralised water or water treated with a reverse osmosis unit.

In a component process neodisher Alka 220 can be used in combination with neodisher D 30 for optimising complexing, dirt dispersion and for removing tea and coffee residues or in combination with neodisher D 20 for removing tea and coffee residues. In this process neodisher Alka 220 and the additional component neodisher D 30 or neodisher D 20 are dosed simultaneously either via the weigomatic SE System and/or directly into the tank. The advantage of this process is that each product only has to be dosed in the amount necessary to remove residues. This process therefore enables a particularly economical and eco-friendly dosing.





# neodisher® Alka 220

## Notes on application:

- For professional use only
- The neodisher Alka 220 solution has to be rinsed off completely with water.
- Rinse out dosing system including suction hose with water before changing product.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- For an economical and controlled dosing we recommend using automatic dosing units. Please contact us.
- Do not mix with other products.

## Hazard and precautionary statements:

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

## Technical data:


pH range	12.3 – 13.0 (2 - 4 ml/l, determined in deionised water, 20 °C)
Viscosity	< 50 mPa s (concentrate, 20 °C)
Density	1.45 g/cm <sup>3</sup> (20 °C)
Conductivity	9.4 mS/cm (3 g/l, determined in deionised water, 60 °C)
Titration factor	0.25 according to neodisher titration instructions

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % phosphonates, polycarboxylates

## Storage information:

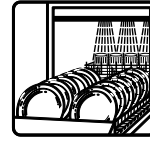
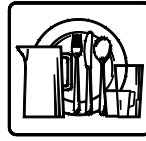
Always store at a temperature between 0 °C and 30 °C.

Usable for 3 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol .

Changes in the colour of neodisher Alka 220 may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.



# neodisher® Alka 280



## Intensive detergent for automated dishwashing

DE/038/055

Liquid concentrate

### Fields of application:

- Cleaning of tableware, glasses, cutlery, trays and working utensils in professional dishwashers in all food processing areas such as professional kitchens, butcher's shops and bakeries

### Performance spectrum:

- Effectively removes all kinds of food residues
- Rapid swelling and removal of starch and protein residues due to high alkalinity and good dispersing performance
- Suitable for porcelain, stainless steel and all alkali compatible synthetic materials
- Not suitable for aluminium, anodised aluminium and light metal alloys
- neodisher Alka 280 is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

### Special properties:

- Excellent cleaning performance; also in the case of stubborn soiling
- Ensures starch-free dishes at low dosing amounts and therefore cost effectiveness
- Odour-neutral, active chlorine-free formula without phosphate

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- Reduced impact on aquatic ecosystems
- Limited hazardous substances
- Performance tested

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### Application and dosage:

neodisher Alka 280 can be used in professional dishwashers. The dosing amount is 1-5 ml/l, depending on water hardness and degree of soiling. Follow the dosing instructions.

	slightly dirty tableware	very dirty tableware
For soft water (0 - 6 °dH)	1 ml/l	2 ml/l
For medium hard water (7 - 13 °dH)	2 ml/l	4 ml/l
For hard water (> 14 °dH)	4 ml/l	5 ml/l

Using this EU eco-labelled product according to the dosage instructions will contribute to the reduction of water pollution and waste production.

The required temperature in the main washing tank has to meet the demands of the local conditions according to the corresponding laws, regulations and guidelines.

The temperature in the main washing tank should be at least 60 °C to ensure sufficient hygiene safety.

neodisher Alka 280 without an additional component is preferably used in combination with soft water (up to 3 °d total hardness), demineralised water or water treated with a reverse osmosis unit.

In a component process neodisher Alka 280 can be used in combination with neodisher D 30 for optimising complexing, dirt dispersion and for removing tea and coffee residues or in combination



# neodisher<sup>®</sup> Alka 280

with neodisher D 20 for removing tea and coffee residues. In this process neodisher Alka 280 and the additional component neodisher D 30 or neodisher D 20 are dosed simultaneously either via the weigomatic SE System and/or directly into the tank. The advantage of this process is that each product only has to be dosed in the amount necessary to remove residues. This process therefore enables a particularly economical and eco-friendly dosing.

In the case of especially stubborn starch residues it is also possible to use neodisher Alka 280 as a supporting component in addition to another alkaline detergent via the weigomatic SE System.

## Notes on application:

- For professional use only.
- The neodisher Alka 280 solution has to be rinsed off completely with water.
- Rinse out dosing system including suction hose with water before changing product.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- For an economical and controlled dosing we recommend using automatic dosing units. Please contact us.
- Do not mix with other products.

## Technical data:


pH-range	12.5 - 13.0 (2 - 5 ml/l, determined in deionised water, 20 °C)
Viscosity	< 100 mPa s (concentrate, 20 °C)
Density	1.52 g/cm <sup>3</sup> (20 °C)
Conductivity	11.7 mS/cm (3 g/l, determined in deionised water, 60 °C)
Titration factor	0.18 according to neodisher titration instructions

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % phosphonates

## Storage information:

Always store at a temperature between 5 °C and 30 °C.

Usable for 3 years when stored as recommended. For expiry date, refer to the stamp mark on the label behind the hourglass symbol .

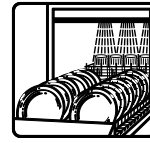
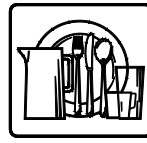
Changes in the colour of neodisher Alka 280 may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.

## Hazard and precautionary statements:

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.



# neodisher® BioClean



DE/038/053

## Universal detergent for automated dishwashing - non-hazardous formula

Liquid concentrate

### Fields of application:

- Cleaning dishes, glasses, cutlery, trays and utensils in professional dishwashers in all food processing areas such as professional kitchens, butcher's shops and bakeries as well as hospitals and old people's homes and nursing homes

### Performance spectrum:

- Effectively removes all kinds of food residues
- Excellent material compatibility for cleaning items made of porcelain, aluminium, silver, stainless steel and synthetic materials
- neodisher BioClean is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

### Special properties:

- Very user-friendly due to non-hazardous formula, neither caustic nor irritating
- Optimal indoor climate in comparison with standard highly alkaline detergents due to special odourless, active chlorine-free and enzyme-free formula
- Forms neutral and AOX<sup>1</sup>-free waste water

<sup>1</sup> adsorbable organic halogen compounds.

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- Reduced impact on aquatic ecosystems
- Limited hazardous substances
- Performance tested

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### Application and dosage:

neodisher BioClean can be used in professional dishwashers. The dosing amount is 2- 5 ml/l depending on degree of soiling and water hardness. Quantity-controlled dosing devices should be used. Dosing recommendations are to be observed.

	Lightly soiled items	Heavily soiled items
For soft water (0 - 6 °d H)	2 ml/l	3 ml/l
For medium hard water (7 - 13 °d H)	3 - 4 ml/l	4 ml/l
For hard water (>14 °d H)	4 - 5 ml/l	5 ml/l

By using this EU eco-labelled product you contribute to the reduction of water pollution and waste when observing the dosage information.

For achieving optimum cleaning results the use of softened or deionised water is recommended.

The required temperature in the main washing tank has to meet the demands of the local conditions and corresponding laws, regulations and guidelines, such as e.g. DIN 10510 to 10512 and DIN 10522.

The temperature in the main washing tank should be at least 60 °C to ensure sufficient hygiene safety.



# neodisher<sup>®</sup> BioClean

## Notes on application:

- For professional use only
- The neodisher BioClean solution has to be rinsed off completely with water
- Rinse out dosing system including suction hose with water before changing product
- The instructions given by the manufacturer of the dishwasher are to be observed
- For an economical and controlled dosing we recommend using automatic dosing units. Please contact us.
- Do not mix with other products

## Hazard and precautionary statements:

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.


## Technical data:

pH-range	approx. 9.4 - 9.6 (2 - 5 ml/l, determined in deionised water, 20 °C)
Viscosity	< 50 mPa s (concentrate, 20 °C)
Density	1.1 g/cm <sup>3</sup> (20 °C)
Titration factor	1.2 according to special neodisher titration instructions with Tashiro indicator

## Ingredients:

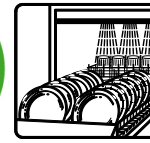
Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % phosphonates, polycarboxylates

## Storage information:

Always store at a temperature between 0 °C and 30 °C.  
Usable for 3 years when stored as recommended.  
For expiry date refer to the stamp mark on the label behind the hourglass symbol .



# neodisher® BioRinse



DE/038/054

## Rinse aid for tableware

### Liquid concentrate

### Field of application:

Rinsing tableware, food containers and trolleys in ware washers and decontamination systems in all food processing areas, such as professional kitchens, butcher's shops and bakeries

### Performance spectrum:

- Suitable for materials such as porcelain, stoneware, glass, stainless steel, plastic, aluminium and anodised aluminium
- neodisher BioRinse is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

### Special properties:

- Reliably dries even difficult to wet materials such as plastic
- Acidic; neutralises carried-over alkali residues and alkaline water
- Very user-friendly; no hazardous substance

### Application and dosage:

neodisher BioRinse is used in dishwashers and decontamination systems. It is dosed into the last rinsing water via an automatic dosing device.

The dosing amount is 0.3 – 1.0 ml/l, depending on the water quality, the rinsing temperature, the type and the material of the items to be washed.

The optimum dosage of neodisher BioRinse should be adjusted when putting the washer into operation.

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- Reduced impact on aquatic ecosystems
- Limited hazardous substances
- Performance tested

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The dosing recommendations are to be observed.

Water quality	Dosage
Soft water (0 – 6 °dH)	0.3 – 0.5 ml/l
Medium hard water (7 – 13 °dH)	0.5 – 0.7 ml/l
Hard water (> 14 °dH)	0.7 – 1.0 ml/l

By using this EU eco-labelled product according to the dosage instructions will contribute to the reduction of water pollution and waste production.

The dosing system must be acid-compatible when using neodisher BioRinse.

### Notes on application:

- For professional use only.
- Do not mix with other products.
- Rinse out dosing system including suction hose with water before changing product.
- Observe the instructions given by the manufacturer of the dishwashers resp. decontamination systems.
- Storage and transport only permitted in original packaging!

### Technical data:

pH-value	approx. 4 (0.3 - 1.0 ml/l, determined in deionised water, 20 °C)
Viscosity	approx. < 50 mPas (concentrate, 20 °C)
Density	1.04 g/cm <sup>3</sup> (20 °C)




# neodisher<sup>®</sup> BioRinse

## Ingredients:

Ingredients according to Regulation (EC)  
No 648/2004 on detergents:  
< 5 % nonionic surfactants  
also preservatives (potassium sorbate)

## Storage information:

Always store at a temperature between 0°C and  
30 °C. Usable for 3 years when stored as  
recommended. For expiry date refer to the stamp  
mark on the label behind the hourglass symbol .

## Hazard and precautionary statements:

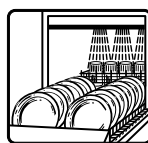
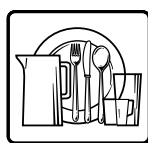
neodisher BioRinse is not a hazardous product  
according to CLP Regulation (EC) No.  
1272/2008.

If applied according to the instructions for use the  
product is safe according to the appropriate  
guidelines for food processing.

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



# neodisher® BioZym



DE/038/090

Enzymatic  
detergent for  
automated dishwashing,  
non-hazardous

Liquid concentrate

## Fields of application:

Cleaning of crockery, glasses, cutlery, trays and working utensils in professional dishwashers in all food processing companies, such as professional kitchens, butcher's shops, bakeries as well as hospitals and old people's/nursing homes

## Performance spectrum:

- Effectively removes all types of food residues
- Enhances the cleaning performance due to a unique formula based on enzymes and surfactants
- Excellent material compatibility
- Suitable for items made of porcelain/china, aluminium, silver, stainless steel and plastic
- neodisher BioZym is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

## Special properties:

- Very user-friendly due to non-hazardous formula; neither caustic nor irritating
- Optimum room climate compared to conventional highly alkaline detergents due to special odour-neutral and active chlorine-free formula
- The effluent is pH-neutral, no AOX<sup>1</sup> formation

## Application and dosage:

neodisher BioZym can be used in professional dishwashers. neodisher BioZym is dosed via automatic dosing systems and the dosing amount is 2 - 6 ml/l depending on water quality and degree of soiling.

	Slightly soiled tableware	Heavily soiled tableware
Soft water (0 – 6 °d H)	2 ml/l	3 ml/l
Medium hard water (7 - 13 °d H)	3 - 4 ml/l	4 ml/l
Hard water (> 14 °d H)	4 - 5 ml/l	6 ml/l

The required temperature in the main wash tank has to meet the demands of the local conditions according to the corresponding laws, regulations and guidelines (e. g. the German standards DIN 10510 to 10512 and DIN 10522).

The temperature in the main wash tank should be at least 60 °C to ensure sufficient hygiene safety.

To achieve optimum cleaning results we recommend the use of softend or demineralised water.

<sup>1</sup> adsorbable organic halogen compounds





# neodisher<sup>®</sup> BioZym

## Notes on application:

- For professional use only.
- The neodisher BioZym solution has to be rinsed off completely with water.
- Rinse out dosing system including suction hose with water before changing product.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- For economical and controlled dosing, we recommend using automated dosing devices. Please contact us.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

## Technical data:

pH-range	10.1 - 10.3 (2 - 6 ml/l, determined in deionised water, 20 °C)
Viscosity	< 10 mPa s (concentrate, 20 °C)
Density	approx. 1.1 g/cm <sup>3</sup> (20 °C)
Titration factor	2.0 in accordance with the special neodisher titration instructions with Tashiro indicator

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % polycarboxylates, amphoteric surfactants, non-ionic surfactants, phosphonates, also enzymes

## Storage information:

Always store at a temperature between 0 °C and 25 °C. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⏳.

Changes in the colour of the product may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.

## Hazard and precautionary statements :

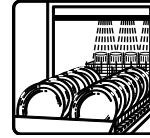
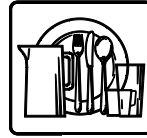
neodisher BioZym is not a hazardous product according to CLP Regulation (EC) No. 1272/2008.

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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



# neodisher<sup>®</sup> compact 180



DE/038/056

## Intensive detergent for use in dishwashers, active chlorine-free

 **Better for the environment...**

- Reduced impact on aquatic ecosystems
- Limited hazardous substances
- Performance tested

**...better for you.**

[www.ecolabel.eu](http://www.ecolabel.eu)

### Powder

#### Fields of application:

- Cleaning of crockery, glasses, cutlery, trays and working utensils in professional dishwashers in all food processing areas such as professional kitchens, butcher's shops and bakeries

#### Performance spectrum:

- Effectively removes all kinds of food residues
- Rapid soaking and removal of starch and protein residues due to high alkalinity and good dispersing performance
- Suitable for porcelain, stainless steel and all alkali-compatible synthetic materials
- Not suitable for aluminium, anodised aluminium and light metal alloys
- neodisher compact 180 is certified with the EU Ecolabel. Its cleaning performance and its environmentally friendly properties comply with European regulations in regard to ecological demands to ingredients and packaging.

#### Special properties:

- Excellent cleaning performance; also in the case of stubborn soiling
- Ensures starch-free dishes at low dosing amounts and therefore cost effective
- Highly concentrated powder, odour-neutral, active chlorine-free formula

### Application and dosage:

neodisher compact 180 can be used in professional dishwashers. The dosing amount is 1-3 g/l, depending on water hardness and degree of soiling. Follow the dosing instructions.

	slightly dirty tableware	very dirty tableware
For soft water (0 - 6 °d H)	1 g/l	1 g/l
For medium hard water (7 - 13 °d H)	1 g/l	2 g/l
For hard water (> 14 °d H)	3 g/l	3 g/l

Using this EU Ecolabel product according to the dosage instructions will contribute to the reduction of water pollution and waste production.

The required temperature in the main washing tank has to meet the demands of the local conditions according to the corresponding laws, regulations and guidelines.

When using neodisher compact 180 the temperature in the main washing tank should be at least 60 °C to ensure sufficient hygiene safety.

neodisher compact 180 is dosed via the weigomatic compact dosing unit. The dosing unit should be connected to cold water for dosing neodisher compact 180.

We recommend using neodisher compact 180 preferably with soft water (up to 6 °d total hardness), deionised water or water treated with the reverse osmosis process.



# neodisher<sup>®</sup> compact 180

## Notes on application:

- For professional use only
- The neodisher compact 180 solution has to be rinsed off completely with water.
- Rinse out dosing system including suction hose with water before changing product.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

## Hazard and precautionary statements:

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.


## Technical data:

Bulk density	approx. 1,100 g/l
pH-range	12.0 - 13.0 (1 - 3 g/l, determined in deionised water, 20 °C)
Conductivity	7.7 mS/cm (2 g/l, determined in deionised water, 20 °C)
Titration factor	0.1 acc. to neodisher titration instructions

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % aliphatic hydrocarbons  
15- 30 % phosphates

## Storage information:

Always store at a temperature between 0 °C and 30 °C.  
Usable for 3 years when stored as recommended.  
For expiry date refer to the stamp mark on the label behind the hourglass symbol .  
The product tends to get lumpy when exposed to humidity which can cause a loss of effectiveness.

**По вопросам продаж и поддержки обращайтесь:**

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