

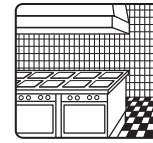
carafom, neoblank, neodisher, neofom, neomoscan, neoseptal, niroklar, triformin

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cariform[®] active



Intensive degreaser for surfaces and equipment

Liquid concentrate

Fields of application:

- For very dirty surfaces and equipment and in all food processing fields such as professional kitchens, butcher's shops and bakeries

Performance spectrum:

- Even removes stubborn fat layers from surfaces such as extractor hoods, working surfaces and equipment
- Suitable for all materials such as glass, porcelain, plastic and stainless steel
- Aluminium, anodised aluminium and light metal alloys should be tested first

Special Properties:

- Fast and powerful cleaning action
- Universal application
- Excellent material compatibility

Application and dosage:

Dilute cariform active according to the below mentioned dosing recommendations. Apply the working solution on the surfaces to be cleaned and allow it to act for some minutes. Then rinse the solved dirt particles with plenty of fresh water.

| | | |
|------------------------------|--------------------|--------------|
| Light soiling | 5 ml/l - 20 ml/l | 0.5 – 2.0% |
| Heavy soiling and fat layers | 20 ml/l - 100 ml/l | 2.0 – 10.0 % |

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.



caraform[®] active


Technical data:

| | |
|-----------|--|
| pH-value | 11.6 - 12.8 (5 - 100 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 100 mPas (concentrate, 20 °C) |
| Density | approx. 1.1 g/cm ³ |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5% non-ionic surfactants
5 - 15% anionic surfactants
also perfumes (limonene)

Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol .

Storing below +5 °C might lead to a reversible clouding which will disappear under warmer storage conditions.

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.

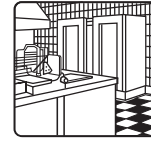
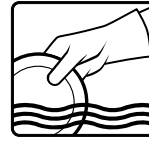
Hazard and precautionary statements:

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[®] universal



All-purpose cleaner for surfaces, equipment and tableware

Liquid concentrate

Fields of application:

- Manual cleaning of surfaces and equipment in all food processing fields such as professional kitchens, butcher's shops and bakeries
- Also suitable for the manual cleaning of tableware

Performance spectrum:

- Reliably removes dirt from surfaces, equipment and floors
- Suitable for all materials such as glass, porcelain/china, plastic and stainless steel
- For subsequent automated cleaning the use of the special pre-cleaning detergents neodisher prewash, neodisher preclean L und neodisher preclean P is recommended

Special Properties:

- Universally applicable
- Excellent material compatibility
- Free of perfumes and colourants

Application and dosage:

Dilute caraform universal according to the dosing recommendations mentioned below. Apply the working solution onto the surfaces to be cleaned and allow the product to act for a few minutes. Then rinse off the solved dirt particles with plenty of fresh water.

| | | |
|------------------------------------|----------------|-------------|
| Depending on the degree of soiling | 0.5 – 2.0 ml/l | 0.05 – 0.2% |
|------------------------------------|----------------|-------------|

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-range | 6.3 – 6.9 (0.5 – 2.0 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 1,000 mPas (concentrate, 20 °C) |
| Density | approx. 1.0 g/cm ³ (20 °C) |

Ingredients:

Ingredients according to Regulation (EC)

No 648/2004 on detergents:

5 – 15 % non-ionic surfactants, anionic surfactants


also preservatives

(1,2-benzisothiazol-3(2H)-one, 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1))

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 .

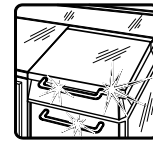
Hazard and precautionary statements:

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

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



neoblank®



Steel care

Ready-for-use solution

Fields of application:

- Treatment of surfaces made of stainless steel
- Also suitable for the precise treatment of locks, hinges and joints by spraying

Performance spectrum:

- Reliably and gently removes finger prints, streaks and stains
- For clean and evenly matt-finished stainless steel surfaces
- Avoids stubborn re-soiling

Special Properties:

- Reliable care
- Highly suitable for use in the food processing field. On the basis of highly purified mineral oil of food and pharmaceutical grade
- Highly economical

Application and dosage:

Apply neoblank undiluted but sparingly on the cleaned and dry surface. For this purpose spray neoblank on a dry lint-free cloth and wipe the surface in grinding direction with the cloth.

Protective neoblank layers can be removed by cleaning, e.g. with the detergents caraform universal or caraform active.

Spray sparingly on locks and hinges and move them.

General instructions on use:

- For professional use only.
- For an economical and controlled dosage, the use of manual dosing ancillaries such as atomisers is recommended. Please contact us.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

Technical data:

| | |
|-----------|---------------------------------|
| Viscosity | < 100 mPas (concentrate, 20 °C) |
| Density | 0.8 g/cm ³ |

Ingredients:


Ingredients according to Regulation (EC)

No 648/2004 on detergents:

< 5 % non-ionic surfactants

> 30 % aliphatic hydrocarbons (highly purified mineral oil)

Storage information:

Always store at a temperature between 10 °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 .

Storage at temperatures below 10 °C may cause reversible cloudiness. The clouding disappears as soon as the temperature exceeds 10 °C. This has no impact on the properties of the product, which are relevant for application.

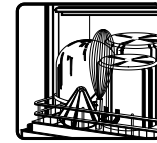
Hazard and precautionary statements:

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

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



neodisher® Alka 2



Active chlorine-free detergent for use in baking tray and pan washers

Liquid concentrate

Fields of application:

- Use in washers for containers, pots and pans and baking trays as well as utensils in the bakery and meat industry

Performance spectrum:

- Removes food residues, especially protein and starch as well as residues of meat, sausage und pastry products
- Suitable for commercial baking tray and pan washers
- Suitable for china, ordinary plastics, stainless steel, aluminium and aluminium alloys
- Articles made of anodised aluminium should be tested first

Special properties:

- Active chlorine-free
- Excellent material compatibility
- Suitable for washing dishes in single and multi-tank machines with transport systems

Application and dosage:

Adjust dosage in washers for containers, pots and pans and baking trays and in utensil washers and dishwashers according to the below-mentioned dosing recommendations. The temperature in the main wash tank should be at least 60°C to ensure sufficient hygiene safety.

| Degree of soiling | Dosage |
|-------------------------|------------|
| Heavily soiled articles | 2 - 4 ml/l |
| Normal soiling | 2 ml/l |

Notes on application:

- For professional use only.
- If the water hardness is over 3 °dH, it is advisable to install a water softener in order to prevent scale build-up and reduce consumption of detergent.
- Rinse out dosing system and suction hose with water before changing the product.
- The neodisher® Alka 2 working solution has to be rinsed off completely with water (preferably deionised water). The instructions given by the manufacturer of the dishwasher are to be observed.
- Do not mix with other products.
- Storage and transport only permitted in original packaging.




Technical data:

| | |
|------------------|---|
| pH-range | 11.4 – 11.7 (2 - 4 ml/l, determined in deionised water, 20 °C) |
| Density | 1.4 g/cm ³ (20 °C) |
| Titration factor | 0.82 |
| Viscosity | < 10 mPa·s (concentrate, 20 °C) |
| Conductivity | approx. 3.8 mS/cm (3 g/l, determined in deionised water, 60 °C) |

Ingredients:

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

Storage information:

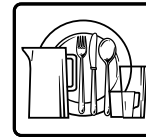
Always store at a temperature between
-10 °C and 30 °C.
Usable for 3 years when stored as recommended.
For expiry date refer to the stamp mark on the label
behind the hourglass symbol .

Hazard and precautionary statements:

If applied according to the instructions for use the
product is safe according to the appropriate
guidelines for food processing.
Dispose only when container is empty and closed.
For disposal of product residues, refer to the Safety
Data Sheet.



neodisher® Alka 600



Mildly alkaline detergent for automated dishwashing

Liquid concentrate

Fields of application:

- Cleaning of crockery, glasses, cutlery, trays and utensils in professional dishwashers in all food processing companies such as professional kitchens, catering companies, butcher's shops and bakeries
- Also suitable for ward dishwashers in all kinds in hospitals or old people's homes or nursing homes

Performance spectrum:

- Removes stubborn coffee and tea residues as well as all kinds of food residues, especially protein deposits that are not too dried or burnt
- Suitable for glass, china/porcelain, synthetic materials, aluminium, stainless steel and hotel silverware
- Objects made of anodised aluminium are to be checked for suitability before use

Special properties:

- Especially effective against protein, coffee and tea residues
- High material protection
- Offers increased hygiene safety due to an excellent cleaning performance

Application and dosage:

neodisher Alka 600 is dosed via automated dosing devices in an amount of 2 - 5 ml/l depending on degree of soiling and water quality.

| | |
|---|------------|
| Slightly soiled items resp. soft water < 3 °d H | 2 - 3 ml/l |
| Heavily soiled items resp. hard water up to 14 °d H | 3 - 5 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.

In the case of hard or salty water, a special water treatment should be carried out for an optimum cleaning result.

General notes on application:

- For professional use only!
- The neodisher Alka 600 solution has to be rinsed off completely with water.
- Rinse out dosing system including suction hose with water before changing product.
- For economical and controlled dosing, we recommend using automated dosing devices or dosing systems. Please contact us.
- Storage and transport is only permitted in original packaging.
- Observe the information and instructions given by the manufacturer of the dishwasher.
- Do not mix with other products.



neodisher[®] Alka 600

Technical data:

| | |
|------------------|---|
| pH-range | 11.1 - 11.9 (2 - 5 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 50 mPas (concentrate, 20 °C) |
| Density | approx. 1.4 g/cm ³ (20 °C) |
| Conductivity | approx. 3.9 mS/cm (3 g/l, determined in deionised water, 60 °C) |
| Titration factor | 1.04 according to neodisher titration instructions |

Hazard and precautionary statements:

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.

Ingredients:


Ingredients according to Regulation (EC) No

648/2004 on detergents:

15 - 30 % phosphates

< 5 % chlorine-based bleaching agents

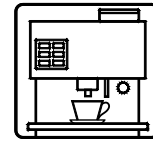
Storage information:

Always store at a temperature between -10 °C and 25 °C. Do not expose to direct sunlight. Usable for 2 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 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.



neodisher[®] CM milk



Detergent for the cleaning of milk lines in coffee machines

Liquid concentrate

Fields of application:

- Cleaning of milk foamers and milk pipes in fully automated coffee machines, coffee percolators and espresso machines

Performance spectrum:

- Reliably dissolves fat and other stubborn milk deposits
- Removes milk stains and at the same time stubborn lime deposits and dirt enclosed therein
- Effective against unpleasant odours
- Not suitable for aluminium, anodised aluminium and light metal alloys

Special properties:

- Cleans powerfully and rapidly
- Universally applicable, suitable for all coffee machines on the market
- Highly concentrated, easy dosing and handling

Application and dosage:

neodisher CM milk is suitable for cleaning all milk-carrying parts such as e. g. milk foamers and milk tubes. The instructions given by the manufacturer of the machines concerning dosage and cleaning procedure are to be observed.

All milk-carrying parts should be cleaned at least once every day.

| | |
|----------------|--------------|
| average dosage | 10 – 60 ml/l |
|----------------|--------------|

For descaling coffee machines and other drink dispensers (such as e.g. soda fountains) we recommend using the descaler neodisher CM special.

General instructions on use:

- For professional use only.
- The neodisher CM milk solution has to be rinsed off completely with water.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.



neodisher[®] CM milk

Technical data:

| | |
|-----------|--|
| pH-range | 2.5 - 2.2 (10 - 60 ml/l, determined in deionised water, 20 °C) |
| viscosity | < 50 mPas (concentrate, 20 °C) |
| density | approx. 1.0 g/cm ³ (20 °C) |


Ingredients:

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

< 5 % cationic surfactants, non-ionic surfactants

5 - 15 % 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 .

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.

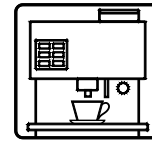
Hazard and precautionary statements:

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[®] CM P



Cleaner for coffee machines

Powder

Fields of application:

- Regular and intensive cleaning of espresso machines and vending machines for hot drinks

Performance Spectrum:

- Reliably removes poorly soluble residues such as coffee oils and tannin residues
- When used correctly neodisher CM P is suitable for cleaning all commercially available coffee machines and vending machines for hot drinks

Special properties:

- Reliable and fast cleaning
- Rapidly soluble
- Odourless and tasteless, due to oxygen-based bleaching agents

Application and dosage:

Observe the instructions given by the manufacturers for the automated cleaning of espresso machines and vending machines.

| | |
|----------------|-------------------------|
| average dosage | 5 – 10 g/l per cleaning |
|----------------|-------------------------|

Notes on application:

- For professional use only!
- For an economical and controlled dosage the use of manual dosing ancillaries such as dosing spoons is recommended. Please contact us.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

Technical data:

| | |
|------------------|--|
| pH-value | 10.6 – 11.1 (5 – 10 g/l, determined in deionised water, 20 °C) |
| bulk density | 1.050 – 1.150 g/l |
| titration factor | 0.65 (according to titration instruction) |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
> 30 % phosphates, oxygen-based bleaching agents

Storage information:

Always store at a temperature between 0 °C and 25 °C. Keep container tightly closed! The product tends to get lumpy when exposed to dampness which can cause a loss of effectiveness. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⏳.

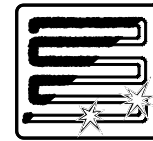
Hazard and precautionary statements:

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

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



neodisher[®] CM special



Descaler for coffee machines

Powder

Fields of application:

- Descaling of coffee machines and vending machines for drinks
- Also suitable for the descaling of electric kettles

Performance Spectrum:

- Reliably removes stubborn lime deposits and the dirt particles enclosed therein
- When used properly neodisher CM special is suitable for the descaling of all standard coffee and vending machines
- Not suitable for aluminium, anodised aluminium and light metal alloys
- For the descaling and thorough cleaning of dishwashers and electric kettles we recommend the liquid descaler neodisher special plus

Special properties:

- Fast and powerful cleaning action
- High material compatibility
- Easy to use

Application and dosage:

Descaling of coffee machines and vending machines with integrated cleaning system:

Observe the instructions of the manufacturers when descaling.

| | |
|----------------|--------|
| average dosage | 50 g/l |
|----------------|--------|

Descaling of electric kettles:

Dissolve neodisher CM special in water in accordance with the below-mentioned dosing recommendation. Hot water (60 - 70 °C) accelerates dissolution. Pour the solution into the electric kettle, heat up to 60 - 70 °C and leave to take effect. Alternatively, neodisher CM special can also be dosed directly into the electric kettle filled with water; then heat up to 60 - 70 °C. Do not allow the product to act longer than absolutely necessary. After descaling, rinse the electric kettle several times with hot water.

Always observe the instructions of the manufacturer of the electric kettle when using neodisher CM special.

| | |
|----------------|---------------|
| average dosage | 100 - 150 g/l |
|----------------|---------------|

General instructions on use:

- For professional use only!
- For an economical and controlled dosage the use of manual dosing ancillaries such as dosing spoons 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.



neodisher[®] CM special


Technical data:

| | |
|------------------|---|
| pH-range | 0.6 - 0.5 (100 - 150 g/l, determined in deionised water, 20 °C) |
| bulk density | approx. 1,200 g/l |
| titration factor | 0.19 (according to neodisher titration instructions) |

Ingredients:

Inorganic acids

Storage information:

Always store at a temperature between 0 °C and 30 °C. Keep container tightly closed. The product tends to get lumpy when exposed to dampness which can cause a loss of effectiveness. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol .

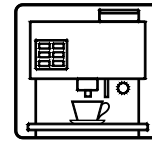
Hazard and precautionary statements:

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

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



neodisher[®] CM tabs



Cleaner for espresso machines

Tabs

Fields of application:

- Regular and intensive cleaning of espresso machines

Performance Spectrum:

- Reliably removes poorly soluble residues such as coffee oils and tannin residues
- When used correctly neodisher CM tabs are suitable for the cleaning of all commercially available coffee and espresso machines

Special properties:

- Reliable and fast cleaning
- Easy to use
- Odourless and tasteless, due to oxygen-based bleaching agents

Application and dosage:

Observe the instructions of the manufacturers for automated cleaning of espresso machines.

| | |
|----------------|-----------------------|
| average dosage | 1 tablet per cleaning |
|----------------|-----------------------|

Notes on application:

- For professional use only!
- For dosing the use of dosing ancillaries is recommended such as little tongs. Please contact us.
- Do not mix with other products.

Technical data:

| | |
|--------|------------------|
| weight | 2.0 g per tablet |
|--------|------------------|

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
 15 - 30 % oxygen-based bleaching agents
 > 30 % phosphates

Storage information:

Store in a cool and dry place. Always store at a temperature between 0 °C and 25 °C. Close the box immediately after use. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on bottom of the can.

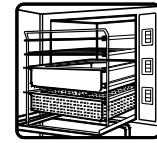
Hazard and precautionary statements:

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® CombiClean



Cleaner for convection ovens

Liquid concentrate

Fields of application:

Manual cleaning of convection ovens, hot air cookers and for the cleaning of convection ovens with an integrated automatic cleaning system

Performance Spectrum:

- Reliably removes fat residues, protein residues as well as burnt-on food residues
- When used properly neodisher CombiClean is suitable for the cleaning of all standard convection ovens
- Not suitable for lacquered surfaces and aluminium
- For convection ovens with an integrated automatic cleaning system, the cleaning step is followed by a final rinse step for which we recommend the neodisher CombiDry special rinse aid.

Special properties:

- Excellent removal of fat residues
- Excellent material compatibility
- Highly concentrated

Application and dosage:

Observe the instructions of the manufacturers of the devices to be cleaned.

Manual cleaning of convection ovens and hot air cookers:

Depending on the degree of soiling the interior (including the tray racks, containers and trays) is sprayed with the concentrate or with a solution (refer to the below mentioned dosing recommendation).

The temperature should not exceed 70 °C. Allow the solution to act for 15 - 30 minutes depending on the degree of soiling. Then rinse the interior with fresh water.

| | | |
|-------------------------|-------------|--------|
| light soiling | 100 ml/l | 10.0 % |
| highly burnt-on soiling | concentrate | |

Cleaning of convection ovens with an integrated automatic cleaning system:

Fill neodisher CombiClean into the supply container or connect it to the dosing hose provided for the cleaning program. The convection oven is cleaned automatically via the integrated cleaning system.

Notes on application:

- For professional use only!
- For an economical and controlled dosage the use of manual dosing ancillaries such as sprayers or spouts 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.
- Rinse out dosing system and suction hose with water before changing product.
- Storage and transport is only permitted in original packaging.



neodisher[®] CombiClean

Technical data:

| | |
|-----------|--|
| pH-value | 13 - 14 (100 ml/l – concentrate, determined in deionised water, 20 °C) |
| viscosity | < 50 mPas (concentrate, 20 °C) |
| density | approx. 1.1 g/cm ³ (20 °C) |


Ingredients:

Ingredients according to Regulation (EC)

No 648/2004 on detergents:

< 5 % phosphonates, non-ionic and amphoteric surfactants

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 .

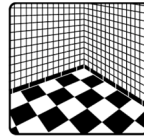
Hazard and precautionary statements:

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

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



neodisher[®] floor ultra



Cleaner for floors

Liquid concentrate

Fields of application:

- Cleaning of floors and walls in all food processing companies, such as professional kitchens, butcher's shops and bakeries
- Also suitable for the intensive cleaning of alkali-compatible floors and surfaces

Performance spectrum:

- Effectively removes organic and inorganic residues such as e.g. animal and vegetable fats, protein compounds and other soiling
- Suitable for use with the common floor wiping method as well as for cleaning machines and single disc machines
- Suitable for all surfaces made of chrome-nickel steel, alkali-compatible rubber and synthetic materials (e.g. epoxy resin and methyl methacrylate) as well as tiles and artificial stone.
- Especially suitable for difficult-to-clean slip-proof surfaces (such as safety tiles)
- Not suitable for aluminium

Special properties:

- Excellent cleaning performance; easy-to-rinse for residue-free, slip-proof surfaces
- Due to its mildly alkaline and low-foam formula particularly suitable for use in cleaning machines
- Pleasant, fresh fragrance

Application and dosage:

Depending on the soiling neodisher floor ultra is diluted in accordance with the below-mentioned dosing recommendation. Apply solution on the surfaces to be cleaned and allow it to work for a few minutes depending on degree of soiling. Loosen particularly stubborn dirt with a scrubber or brushing machine. Then rinse with plenty of fresh water or vacuum.

When using cleaning machines (scrubber dryer machines) fill the cleaner solution into the tank and use machine according to the manufacturer's instructions.

The temperature of the working solution should not exceed 50 °C.

For intensive cleaning of e.g. epoxy resin or methylmethacrylate floor or tiles prepare a 10 % solution and treat the floor with a scrubber or brush machine. The contact time should be at least 15-20 minutes. Then rinse with plenty of fresh water and/or vacuum or remove manually.

| Degree of soiling resp. application | Dosage | |
|-------------------------------------|-------------|------------|
| light soiling | 2 - 5 ml/l | 0.2 - 0.5% |
| heavy soiling | 5 - 20 ml/l | 0.5 - 2.0% |
| cleaning machine | 5 - 20 ml/l | 0.5 - 2.0% |
| intensive cleaning | 100 ml/l | 10 % |

Notes on application:

- For professional use only.
- For economical and controlled dosing, we recommend using dosing ancillaries, such as e.g. mixing equipment or canister pumps. 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.



neodisher[®] floor ultra


Technical data:

| | |
|-----------|---|
| pH range | 11.1 - 12.0 (2.0 - 20 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 10 mPa s (concentrate, 20 °C) |
| Density | approx. 1.05 g/cm ³ (20 °C) |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 – 15 % non-ionic surfactants
also perfumes

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 .

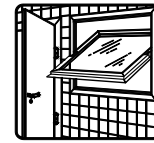
Hazard and precautionary statements:

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

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



neodisher® shine



Cleaner for glass and shiny surfaces

Ready-for-use solution

Fields of application:

Cleaning of glass and shiny surfaces in all food processing fields such as professional kitchens, butcher's shops and bakeries as well as in other areas such as laboratories

Performance spectrum:

- For reliable and streak-free removal of soiling such as fingerprints, water stains and dead insects
- Suitable for glass panes, windows and frames, mirrors and glass surfaces, porcelain/china, stainless steel, ceramic, tiles
- A material compatibility test is recommended for sensitive varnished and plastic surfaces

General instructions on use:

- Fast and powerful cleaning action
- Streak-free cleanness
- Good material compatibility

Application and dosage:

Spray neodisher shine undiluted on the surface to be cleaned, then wipe the surface with a dry, lint-free cloth.

General instructions on use:

- For professional use only!
- For an economical and controlled dosage the use of manual dosing ancillaries such as sprayers is recommended. Please contact us.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.


Technical data:

| | |
|-------------|---------------------------------|
| pH-value | 10 (concentrate, 20 °C) |
| viscosity | < 10 mPas (concentrate, 20 °C) |
| density | approx. 1.0 g/cm ³ |
| flash point | 40 °C according to DIN EN 22719 |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % anionic surfactants
also perfumes

Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 2 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 the product may occur when storing in factory-sealed containers. This has no impact on the properties of the product which are relevant for application.

Hazard and precautionary statements:

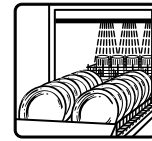
neodisher shine is not a hazardous product according to the CLP-Regulation (EC) No 1272/2008.

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.



neodisher® TS



Rinse Aid for Dishes

Liquid concentrate

Field of application:

- Rinsing dishes, food containers and trolleys in washers in all food processing companies, such as professional kitchens, butcher's shops and bakeries
- Also suitable for rinsing animal cages, accessories and racks for cages, storage and transport in specially designed washers

Performance spectrum:

- All kinds of items are evenly wetted and dry without leaving streaks
- Considerably improves and accelerates drying
- Significantly prevents lime deposits in rinsing nozzles and rinsing zones
- Suitable for materials, such as porcelain, stoneware, glass, stainless steel, plastic (e. g. animal cages made of polycarbonate, polyetherimide), aluminium as well as anodized aluminium
- Parts made of polysulfone (PSU) or polyphenylsulfone (PPSU) can form stress cracks when treated with rinse aids. For cages made of these materials the special rinse aid neodisher PolyKlar is to be used

Special properties:

- Reliably dries even difficult-to-wet materials, such as e. g. plastic
- Highly concentrated
- Acidic formula, neutralises carried-over alkali residues and alkaline water

Application and dosage:

neodisher TS is used in dishwashers, decontamination units for trolleys and specially designed washers for animal cages and accessories as well as cage, storage and transport racks. neodisher TS is dosed into the final rinsing water via an automatic dosing device.

The dosing amount also depends on the water quality, material of the items to be washed and the temperature of the rinsing water and is 0.1 – 0.8 ml/l. The optimum dosing of neodisher TS should be adjusted when starting up the washer.

| | |
|---|----------------|
| Depending on water quality, items to be washed and temperature of rinsing water | 0.1 – 0.8 ml/l |
|---|----------------|

neodisher TS can be used with all degrees of water hardness. In the case of water exceeding 3 °d total hardness (> 0.54 mmol/l), water treatment is recommended.

When using neodisher TS the dosing system is to be checked for acid compatibility.

General 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.
- The instructions of the manufacturers of the dishwashers, decontamination units and specially designed washers are to be observed.
- Please also observe the reprocessing recommendations of the manufacturers of the trolleys and animal cages and the recommendations of the "Arbeitskreis Bettgestell- und Wagendekontaminationsanlagen (AK-BWA)" [Working Group Bedframe and Trolley Decontamination Units] in the current issue of the AK-BWA brochure "Maschinelle Dekontamination" [Automated Decontamination] and the recommendation of the "Arbeitskreis Käfigaufbereitung (AK KAB)" [Working Group Cage Reprocessing] in the current issue of the AK KAB brochure "Käfigaufbereitung in der Tierhaltung" [Reprocessing Animal Cages].
- Storage and transport is only permitted in original packaging.



Technical data:

| | |
|-----------|--|
| pH-range | approx. 4.2 – 3.5 (0.1 – 0.8 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 50 mPas (concentrate, 20 °C) |
| Density | approx. 1.1 g/cm ³ (20 °C) |

Ingredients:


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

15 - 30 % nonionic surfactants,
< 5 % phosphonates,
also preservatives (methylchloroisothiazolinone)

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.

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



neiform CM dis



Disinfecting cleaner for dispenser and container for milk products

Liquid concentrate

Fields of application:

- Combined cleaning and disinfection of cream dispensers, ice cream containers, soft ice cream machines, fruit juice dispensers as well as milk containers

Performance Spectrum:

- Effectively removes residues of milk and milk preparations, soft ice, ice cream and fruit juice
- Bactericidal activity confirmed in accordance with EN 1276 and EN 13697
- Suitable for devices made of stainless steel and aluminium

Special properties:

- Fast and reliable cleaning and disinfection. Bactericidal
- Disinfecting performance in circulation method confirmed in accordance with DIN EN 16888 „Food processing machinery - Cream whippers - Safety and hygiene requirements“
- Highly fat-soluble

Application and dosage:

Combined cleaning and disinfection of pre-cleaned detachable parts:

Pre-clean detachable parts with cold fresh water and place them in a 2.0 % working solution (20 ml neiform CM dis per 1 litre water) for 5 min. at 20 °C. Then rinse with plenty of fresh water.

Combined cleaning and disinfection of non-pre-cleaned detachable parts:

Place the detachable parts in a 5.0 % working solution (50 ml neiform CM dis per 1 litre water) for 5 min. at 20 °C. Then rinse with plenty of fresh water.

Combined cleaning and disinfection of cream whipping machines using the circulation method:

4.0 % (40 ml neiform CM dis per liter water), 1 min., 50 °C. The instructions of the machine manufacturer must be observed.

Dosing recommendations bactericidal activity

| | |
|--|-------------------------------------|
| Combined cleaning and disinfection of pre-cleaned detachable parts | 20 ml/l (2.0 %), 5 min, 20 °C |
| Combined cleaning and disinfection of non-pre-cleaned detachable parts | 50 ml/l (5.0 %), 5 min, 20 °C |
| Combined cleaning and disinfection of cream whipping machines using the circulation method | 40 ml/l (4.0 %), 1 min, 50 °C |

General instructions on use:

- For professional use only!
- It is generally recommended to wear gloves when working with disinfectants.
- For an economical and controlled dosage the use of manual dosing ancillaries such as 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.
- The cleaning instructions given by the manufacturer are to be observed.
- Do not mix with other products.
- *Use disinfectants safely. Always read the label before use.*

Technical data:

| | |
|------------------|--|
| pH-range | approx. 12 - 13 (20 - 50 ml/l, determined in deionised water, 20 °C) |
| viscosity | < 10 mPas (concentrate, 20 °C) |
| density | approx. 1.2 g/cm ³ (20 °C) |
| titration factor | 0.91 (according to neodisher titration instructions) |



neoform CM dis

Ingredients:

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

< 5 % phosphates


also: disinfectants

Active substances in 100 g: 2.5 g sodium hypochlorite

Storage information:

Store in a frost-free place and do not expose to direct sunlight. Always store at a temperature between 0°C and 25 °C.

Usable for 1 year when stored as recommended.

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

Hazard and precautionary statements:

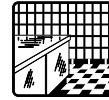
If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

Dispose only when container is empty and closed.

For disposal of product residues, refer to the Safety Data Sheet.



neiform[®] K plus



Disinfecting cleaner for surfaces and equipment

Liquid concentrate

Fields of application

- Combined cleaning and disinfection of surfaces and equipment in the food industry and in professional kitchens as well as surfaces and equipment that do not come into contact with food, such as in the pharmaceutical and cosmetics industries
- Also suitable in cooling areas up to 4 °C
- Also used for shoe sole hygiene in brush washing systems as well as disinfecting mats, e.g. in hygiene sluices
- Combined cleaning and disinfection of personal protective equipment¹
- Also suitable for use with the Dr. Weigert fleece wipe dispensing system neiform wipes RTF

Performance spectrum:

- Bactericidal, yeasticidal and active against enveloped viruses, activity according to EN-standards² confirmed by experts
- Effectively removes contamination from surfaces such as work surfaces, equipment and floors, and disinfects at the same time
- Excellent foam activity when used via foam devices
- Excellent material compatibility
- Suitable for all materials such as chrome nickel steel, standard steel, light and non-ferrous metals and their alloys as well as plastics
- Anodised aluminium must be tested first
- Included in the IHO³ list of disinfectants
- The application in the Dr. Weigert fleece wipe dispensing system neiform wipes RTF fulfils the requirements of the current VAH recommendation⁴

Special properties:

- Excellent cleaning performance
- Free of perfumes and colouring agents
- VAH⁴-listed

Application and dosing:

Application is possible via wiping, dipping or the foam method.

Depending on the application, dilute neiform K plus as per the stated dosing recommendation.

Wiping and application via low-pressure cleaning devices and foamers:

Apply the solution on the surfaces to be cleaned and disinfected, or wipe the equipment to be cleaned and disinfected with the solution. After the contact time has elapsed, thoroughly rinse the surfaces that come into contact with food with water of at least drinking water quality. The application temperature should not exceed 40 °C.

Cleaning and disinfection of personal protective equipment¹ in immersion baths:

Personal protective equipment¹ must be fully wetted with the application solution throughout the entire immersion period. Then rinse thoroughly with running water of at least drinking water quality.

The application solution should be renewed daily, and more frequently in the case of visible soiling.

For instructions on how to use the product with the neiform wipes RTF fleece wipe dispensing system please refer to the neiform wipes RTF data sheet. The soaked neiform wipes can be used for up to 28 days when the wiping wipe system is kept tightly closed.

| Application recommendation at 20 °C (bactericidal, yeasticidal) | |
|---|--|
| For cleaning and disinfecting surfaces and equipment (not pre-cleaned) ² | 5 ml/l (0.5%), 15 min |
| For disinfecting surfaces and equipment (pre-cleaned) ² | 5 ml/l (0.5%), 15 min 10 ml/l (1.0%), 5 min |



neoform[®] K plus

| Disinfecting activity (surfaces and equipment) | | |
|--|---|--|
| | Clean conditions (pre-cleaned) | Dirty conditions (not pre-cleaned) |
| Bactericidal (EN 1276 and EN 13697) | 5 ml/l (0.5%), 5 min, 20 °C 10 ml/l (1.0%), 60 min, 10 °C 30 ml/l (3.0%), 60 min, 4 °C | 5 ml/l (0.5%), 15 min, 20 °C 20 ml/l (2.0%), 60 min, 10 °C 30 ml/l (3.0%), 60 min, 4 °C |
| Yeasticidal (EN 1650 and EN 13697) | 10 ml/l (1.0%), 5 min, 20 °C 5 ml/l (0.5%), 15 min, 20 °C 10 ml/l (1.0%), 15 min, 10 °C 10 ml/l (1.0%), 60 min, 4 °C | 5 ml/l (0.5%), 15 min, 20 °C 20 ml/l (2.0%), 15 min, 10 °C 20 ml/l (2.0%), 60 min, 4 °C |
| Activity against enveloped viruses (EN 14476, EN 17111 ² (including HIV, HBV, HCV) | 5 ml/l (0,5 %), 15 min, 20 °C | |
| Shoe sole hygiene | | |
| Cleaning of soles in brush washing systems | At least 1 ml/l (0.1%) | |
| Shoe sole disinfection in disinfecting baths and disinfecting mats (bactericidal, yeasticidal) ² | 40 ml/l (4%), 5 min, 20 °C | |
| Reprocessing of personal protective equipment ¹ in an immersion bath | | |
| Cleaning and disinfection of personal protective equipment ¹ in an immersion bath (bactericidal according to EN 13727 and EN 14561, yeasticidal according to EN 13624 and EN 14562, activity against enveloped viruses according to EN 14476 and 17111) | 10 ml/l (1.0%), 15 min, 20 °C | |

General instructions for use:

- For professional use only.
- It is generally recommended to wear gloves when working with disinfectants.
- For economical and controlled dosing, the use of manual dosing ancillaries such as mixing equipment or dosing accessories is recommended. Please contact us.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

- Use disinfectants safely. Always read the label and product information before use.
- Please follow the reprocessing recommendations of the personal protective equipment¹ manufacturer.

Certificates:

The disinfecting activity has been confirmed by experts. neoform K plus was used and positively assessed by various testing and certification bodies in the context of personal protective equipment¹ certification with regard to material compatibility.

We are pleased to provide certificates on request.

Technical data:

| | |
|-----------|---|
| pH value | 9.0 (5.0–10.0 ml/l, determined in fully deionised water, 20 °C) |
| Viscosity | < 50 mPas (concentrate, 20 °C) |
| Density | approx. 1.0 g/cm ³ (20 °C) |

Ingredients:

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

5–15 % non-ionic surfactants

Active substances in 100g:


10.0 g didecyldimethylammonium chloride

2.0 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Storage information:

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

Usable for three years when stored as recommended.

For the 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 applicable guidelines for food processing.

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

¹ Personal protective equipment including diving gear (PPE) / ² According to European standards EN 1276, EN 1650, EN 13697, EN13727, EN14561, EN 13624, EN 14562, EN 14476, EN 17111 / ³ Industrieverband für Hygiene und Oberflächenschutz (German Association for Hygiene and Surface Protection) / ⁴ Association of Applied Hygiene

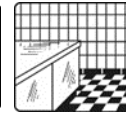


neiform[®] K sprint



Rapid disinfectant for surfaces

Ready-for-use solution



Fields of application:

Specific and rapid disinfection of

- surfaces which come in contact with food and other surfaces in the food industry and professional kitchens
- surfaces in hospitals and doctors' and dentists' practices
- surfaces and equipment in the pharmaceutical and cosmetics area
- surfaces in the laboratory area, e.g. laboratory benches

Also suitable for disinfecting cooling areas

Also suitable for use with the Dr. Weigert fleece wipe dispensing system neiform wipes RTF

Performance spectrum:

- Bactericidal, yeasticidal, fungicidal and tuberculocidal activity confirmed in accordance with VAH¹ and EN methods²; activity against enveloped viruses confirmed according to the test guidelines of the RKI/DVV³ by certification
- Also limited spectrum virucidal activity (active against norovirus and adenovirus) as well as active against rotavirus
- The application in the Dr. Weigert wiping system neiform wipes RTF fulfils the requirements of the current VAH recommendation⁴
- VAH¹-listed
- included in the IHO⁵ list of disinfectants
- Suitable for stainless steel, ceramics and glass
- Surfaces and objects to be disinfected must be compatible with alcohol. Sensitive varnished/lacquered and plastic surfaces should be tested for suitability first.
- Not suitable for disinfecting acrylic glass (perspex)

Special properties:

- Very short contact time
- Residue-free drying, no rinsing necessary
- Free of aldehydes, colourants and perfumes

Application and dosage:

Apply neiform K sprint undiluted on clean and dry surfaces/equipment or on a clean disposable cloth and wipe surfaces. Surfaces must be completely wetted with neiform K sprint.

To achieve the desired activity, the below-mentioned contact times must be strictly adhered to. After expiry of the necessary contact time and after drying the surfaces can immediately be used again without rinsing with fresh water.

For instructions on how to use the product with the neiform wipes RTF fleece wipe dispensing system please refer to the neiform wipes RTF data sheet. The soaked neiform wipes can be used for up to 28 days when the wipes system is kept tightly closed.

| Clean conditions, 20 °C (cleaned surfaces) | |
|--|---|
| Medical area, Laboratory | |
| bactericidal (VAH ¹ , EN 13727, EN 16615) | undiluted, 1 min, 20 °C |
| yeasticidal (VAH ¹ , EN 13624, EN 16615) | undiluted, 1 min, 20 °C |
| tuberculocidal (EN 14348) | undiluted, 30 sec, 20 °C |
| Kitchen, Food industry | |
| bactericidal (EN 1276, EN 13697) | undiluted, 15 sec, 20 °C undiluted, 30 sec, 10 °C undiluted, 30 sec, 4 °C |
| yeasticidal (EN 1650, EN 13697) | undiluted, 15 sec, 20 °C undiluted, 30 sec, 10 °C undiluted, 60 sec, 4 °C |
| fungicidal (EN 1650, EN 13697) | undiluted, 3 min, 20 °C |
| All areas | |
| active against enveloped viruses (incl. HIV, HBV, HCV) (EN 14476, RKI/DVV ³) | undiluted, 15 sec, 20 °C |
| limited virucidal activity (adenovirus, norovirus, incl. all enveloped viruses) (EN 14476) | undiluted, 2 min, 20 °C |
| active against norovirus (MNV ⁶) (EN 14476) | undiluted, 2 min, 20 °C |
| active against adenovirus (EN 14476) | undiluted, 1 min, 20 °C |
| active against rotavirus (EN 14476) | undiluted, 1 min, 20 °C |
| VAH ¹ list | undiluted, 5 min, 20 °C |



neoform[®] K sprint

Due to its alcohol content, neoform K sprint must not be applied in too large amounts (max. 50 ml per m² on the surfaces to be treated and max. 100 ml per m² base area). Please thoroughly read and observe the hazard and precautionary statements.

General information for use:

- For professional use only.
- For economical and controlled dosage, the use of dosing aids is recommended. Please contact us.
- Please observe the reprocessing recommendations given by the manufacturer of the surfaces.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.
- It is generally recommended to wear gloves when working with disinfectants.
- *Use disinfectants safely.. Always read the label and product information before use.*

Expert reports:

The disinfecting activity has been confirmed by certification.

We will be pleased to provide certificates on request.

- also suitable for disinfecting cooling areas

Technical data:

| | |
|-------------|---------------------------------------|
| Viscosity | < 10 mPa s (undiluted, 20 °C) |
| Flash point | approx. 27 °C according to DIN 22719 |
| Density | approx. 0.9 g/cm ³ (20 °C) |

Ingredients:

Active substance in 100 g:

35.0 g propan-1-ol, 25.0 g ethanol

Storage information:

Always store at a temperature between -15 °C and 25 °C. Keep container tightly closed.

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.

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

-
- 1 Verbund für Angewandte Hygiene [Association of Applied Hygiene, Germany]
 - 2 European Standards
 - 3 According to the guidelines of the Robert Koch-Institute (RKI) and the Deutschen Vereinigung zur Bekämpfung von Viruskrankheiten (DVV) [German Association for the Control of Virus Diseases]
 - 4 Empfehlung zur Kontrolle kritischer Punkte bei der Anwendung von Tuchspendersystemen im Vortränksystem für die Flächendesinfektion (Hyg Med 2012; 37-11) [Recommendation for checking critical points when using wipes dispenser systems in a pre-soak system for surface disinfection]
 - 5 Industrieverband Hygiene und Oberflächenschutz (IHO) [Industry Association Surface Protection and Hygiene, Germany]
 - 6 murine Norovirus (MNV)

neomoscan[®] FA 12

Alkaline detergent for the food industry - Liquid concentrate



Properties:

neomoscan FA 12 is a liquid, highly alkaline, active-foaming cleaning agent with very good resistance to water hardness. The particular combination of high alkalinity with strong, foaming, special wetting agents means quick penetration even of very encrusted and carbonated deposits containing grease and protein. Even stubborn deposits are detached from surfaces and emulsified and dispersed in the cleaning solution.

neomoscan FA 12 cleaning solutions are also fully effective where there are high levels of water hardness and they do not lose their foaming ability.

Main fields of application:

The use of neomoscan FA 12 is specially recommended in the case of very heavy soiling. The preferred field of application is the cleaning of stainless steel cooking and smoking cabinets.

neomoscan FA 12 working solutions do not attack surfaces made from stainless steel, normal steel, alkali-resistant plastics or rubber.

neomoscan FA 12 is not suitable for the cleaning of aluminium, light alloys and non-ferrous heavy metals, or tin-plated and galvanised materials.

Only for professional use.

Dosage:

Depending on the installation, work can take place using 5 - 10 weight-% solutions at 60 – 80 °C as a circulation via the lid ventilators or by means of suitable sprayers, high pressure cleaners or, preferably, using low pressure foam cleaning devices (here at a concentration of 2 - 5 weight-%), directly impinging on the soiled surfaces.

With the assistance of low-pressure foamer devices, neomoscan FA 12 produces stable foam, which adheres for a long time even to vertical surfaces. After a working time of 10 - 20 min, rinse with water.

To remove particularly stubborn smoke-tar and grease encrustations, the practice of working using a spray of a highly concentrated parent solution (20 - 30 weight-%) has proven to be best. The walls of the heated smoke installation are sprayed with this solution. After 10 - 15 minutes of working time, it is reworked using a diluted solution.

Tools made from stainless steel and alkali-resistant plastics in the meat and fish-processing industries are placed in a 1 - 3 weight-% neomoscan FA 12 solution and, after a sufficient working time, rinsed under running water. Stainless steel boiling pans are filled with hot water between 60 and 80 °C. 1 - 3 weight-% of neomoscan FA 12 is added and allowed to work for 30 - 60 min and the tools are then rinsed well with water. These containers can also be cleaned using a low-pressure foam procedure.

Controlled, safe and economic application is ensured by our weigomatic dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Law). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

According to the law on food and requisites (LMBG), 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.

Determining concentration:

10 ml of neomoscan FA 12 working solution are mixed with 2 drops of phenolphthalein solution and titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

$\text{ml of 0.1 N hydrochloric acid used} \times 0.121 = \text{Gew.-% neomoscan FA 12}$

neomoscan[®] FA 12

Alkaline detergent for the food industry - Liquid concentrate



Technical data:

| | |
|--|----------------------------|
| Appearance: | Yellow-brown, clear liquid |
| Density at 20 °C: | 1.41 g/cm ³ |
| pH value (1 % in deionised water): | approx. 12.7 |
| Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein): | approx. 33 |


Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5-15 %: non-ionic surfactants

Storage information:

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

Usable for 2 years when stored as recommended.

Expiry date: refer the stamp mark on the label after the 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.

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

neomoscan[®] FA 2

Alkaline detergent for the food industry – Liquid concentrate



Main fields of application:

Cleaning of chocolate moulds, e.g. made of polycarbonate, of baking moulds and baking trays and other surfaces and equipment used in the chocolate and confectionary production, in bakeries and the delicatessen industry. neomoscan FA 2 is used for automated and manual cleaning as well as in immersion baths.

Furthermore, neomoscan FA 2 is used for cleaning tasks, especially involving fat-containing soiling, via steam jet devices and high-pressure cleaning devices and in brush cleaning systems.

For professional use only.

Properties:

neomoscan FA 2 is an alkaline detergent for items made of sensitive materials with the following properties:

- good material compatibility, also suitable for polycarbonate
- emulsifying and dispersing efficacy
- excellent wetting and complexing ability
- free of active chlorine
- suitable for stainless steel, aluminium and aluminium alloys as well as customary plastic

Dosage:

neomoscan FA 2 is used in cleaning plants, for manual cleaning as well as in immersion baths. The dosing amount depends on the degree of soiling and is 0.5 - 2 % (w/w). In the case of stubborn soiling the dosage may be increased up to 5 % (w/w). The application is done at 40-80 °C.

When cleaning chocolate moulds made of polycarbonate in cleaning plants the following application parameters are to be observed:

0.3 – 0.5 % (w/w) neomoscan FA 2 at temperatures of up to 60 °C in the washing tank. For rinsing the use of the proven rinse aid neodisher KN is recommended. The water quality should at least be softened water with max. 2 °d (German hardness) or demineralized water.

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.

Rinse out dosing system including suction hose with water before changing product.

Controlled, safe and economical application is ensured by our weigomatic[®] dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

10 ml neomoscan FA 2 working solution is mixed with 1 - 2 drops of phenolphthalein solution and titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N hydrochloric acid used x 0.35 = % (w/w) neomoscan FA 2

Technical data:

Appearance: Clear, colourless liquid

Density (20 °C): approx. 1.31 g/cm³

pH-range (determined in deionised water, 20 °C): 0.3 – 2.0 % (w/w): 11.6 – 12.4

Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein): approx. 11

neomoscan[®] FA 2

Alkaline detergent for the food industry – Liquid concentrate



Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 1 %, amphoteric surfactants, phosphates

Storage information:

Always store at a temperature range between -10 and 30 °C.

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

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



Alkaline cleaning agent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes or circulation processes in the food industry.
- Cleaning of oven racks, e.g. in the baking industry.

Performance spectrum:

neomoscan FA 20 is a highly alkaline cleaning agent. It contains surfactants, complexing agents and dispersants and has the following properties:

- Reliably removes organic residue such as protein and fat
- Effective contaminant-absorption capacity and pronounced contaminant-carrying capacity
- Good wetting properties
- Has a defoaming action from 30 °C upwards
- Sprayable
- Phosphate-free
- Suitable for stainless steel and alkali-resistant plastics and seals
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys as well as tinned and galvanised surfaces

Application and dosage:

- Cleaning of production systems, containers, tanks, lines, boilers and separators using automated CIP processes and in circulation processes: The application concentration is 0.5 – 3.0 % (w/w) depending on the application, water hardness and degree of soiling in the temperature range of 50 – 135 °C.
- Cleaning of oven racks in automatic systems: The application concentration is 2.0 – 5.0 % (w/w) depending on application, water hardness and degree of soiling in the temperature range of 80 – 90 °C

General notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Do not mix with other products.
- Rinse out dosing system including suction hoses with water before changing product.
- Dose only from the original container.
- Do not use as a concentrate – only as a working solution.
- Please observe the operating instructions given by the manufacturer of the system/device.
- The weigomatic dosing systems and neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan FA 20 solution is titrated with 0.1 N hydrochloric acid (HCl) until the colour changes from red to colourless.

$\text{ml of 0.1 N HCl used} \times 0.10 = \% \text{ (w/w)}$
neomoscan FA 20



Technical data:

| | |
|------------|--|
| Appearance | Clear, brownish liquid |
| pH value | 12.8 (1% in fully deionised water, 20 °C) |
| Density | Approx. 1.4 g/cm ³ (20 °C) |
| p-value | Approx. 40 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein) |


The product specification may contain deviating test parameters. This specification can be obtained on request.

Ingredients:

Ingredients for cleaning agents according to Regulation (EC) No. 648/2004 on detergents:

< 5% phosphonates, non-ionic surfactants

Storage information:

Always store at a temperature between 0 and 30 °C. Usable for 2 years when stored as recommended. For the 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:

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

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

neomoscan[®] FA 4

Alkaline Detergent for the Food Industry - Liquid concentrate



Main fields of application:

Cleaning of surfaces and equipment, e.g. production plants, containers, floors and surfaces manually (e.g. wiping) as well as via spraying, circulation and immersion methods and via brushing machines; especially suitable for use in high-pressure and steam jet cleaners.
For professional use only.

Properties:

neomoscan FA 4 is a universally applicable, mildly-alkaline and slightly foaming detergent with the following properties:

- excellent cleaning performance (especially against fat and protein deposits)
- emulsifying and degreasing
- excellent dispersing and dirt-carrying ability
- excellent material compatibility
- suitable for stainless steel, mild steel, aluminium, iron, brass, copper, tin, glass and alkali-compatible synthetic materials
- lacquered/varnished and coated surfaces must be tested for suitability first

Dosage:

0.5 - 5 weight% at 40 - 60 °C depending on degree of soiling.

When using very hard industrial water a regular acidic cleaning to prevent resp. to remove lime scale is required.

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.

Rinse out dosing system including suction hose with water before changing product.

Controlled, safe and economical application is ensured by our weigomatic[®] dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

The working solution concentrations are determined according to a special procedure. A detailed description of the method can be obtained on request.

Technical data:

| | |
|---|--------------------------------|
| Appearance: | Clear, yellow liquid |
| Density (20 °C): | approx. 1.11 g/cm ³ |
| pH value (1 % in deionised water, 20 °C): | approx. 11.5 |


Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % anionic surfactants
5 - 15 % phosphates
also perfumes

Storage information:

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

Usable for 3 years when stored as recommended.

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

neomoscan[®] FA 7

Alkaline detergent for the food industry – Liquid concentrate



Main fields of application:

Cleaning of production plants via automated processes (CIP) in the food processing industry as well as for the automated cleaning of transport crates in bakeries and the confectionary and delicatessen production. Especially removes organic residues.

For professional use only!

Properties:

neomoscan FA 7 is a surfactant-containing alkaline cleaning agent with the following properties:

- good wetting and complexing action
- good dirt-carrying ability
- excellent hard water compatibility
- low foam action
- suitable for stainless steel, alkali-compatible plastic and rubber
- not suitable for aluminium, light metals and non-ferrous metals, tin-plated and zinc-plated materials

Dosage:

Automated cleaning of production plants (CIP):

Dosage depending on degree of soiling 1.0 – 4.0 % (w/w) and application at temperatures ranging between 40 - 80 °C.

Cleaning transport crates in cleaning plants:

Dosage depending on degree of soiling 0.2 – 0.7 % (w/w) and application at temperatures ranging between 60 - 70 °C. Depending on the water quality an acidic rinse aid, e.g. neodisher TS, or a neutral rinse aid, e.g. neodisher TN, is to be used.

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.

Rinse out dosing system including suction hose with water before changing product.

Controlled, safe and economical application is ensured by our weigomatic dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

10 ml of neomoscan FA 7 working solution is mixed with 1 - 2 drops of phenolphthalein solution and titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N hydrochloric acid used x 0.20 = % (w/w) neomoscan FA 7

Technical data:

| | |
|---|--------------------------------|
| Appearance: | colourless to yellowish liquid |
| Density (20 °C): | 1.38 g/cm ³ |
| pH-value (1 % in deionised water, 20 °C): | approx. 13.0 |
| Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein): | approx. 20 |

Ingredients:

Ingredients according Regulation (EC) No 648/2004 on detergents:
< 5 % amphoteric surfactants, non-ionic surfactants, phosphates

Storage information:

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

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



neomoscan[®] FM plus

Alkaline cleaning agent for the food industry

Liquid concentrate

Fields of application:

- Manual cleaning of surfaces and equipment in the food industry. Application in wiping and via low-pressure cleaning devices and foamers.

Performance spectrum:

neomoscan FM plus is an alkaline cleaning agent with the following properties:

- Highly pronounced effect against stubborn dirt and fat deposits
- Cleans powerfully and quickly
- Foaming adjustment
- Excellent material compatibility
- Suitable for glass, stainless steel and alkali-resistant plastics and seals
- Preliminary testing must be carried out for aluminium, anodised aluminium and light alloys

Application and dosage:

- For daily cleaning and light soiling:
0.5 – 2.0 % (w/w) in the temperature range up to 50 °C
- For heavy dirt and fat deposits, the application concentration can be increased to a maximum of 10 % (w/w).

General notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Do not mix with other products.
- Rinse out dosing system including suction hoses with water before changing product.
- Dose only from the original container.



- Do not use as a concentrate – only as a working solution.
- Please observe the operating instructions given by the manufacturer of the system/device.
- The weigomatic dosing systems and neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

A few drops of Tashiro's indicator are added to 100 ml batch water and titration is performed with 0.1 N hydrochloric acid until the colour changes from green to red/violet (WW value).

A few drops of Tashiro's indicator are added to 100 ml neomoscan FM plus solution and titration is performed with 0.1 N hydrochloric acid until the colour changes from green to red/violet (LW value).

$$(LW - WW) \times 0.14 = \% (w/w) \text{ neomoscan FM plus}$$

Technical data:

| | |
|------------|---|
| Appearance | Clear, yellowish liquid |
| pH range | 11.6–12.8 (0.5 – 10% in fully deionised water, 20 °C) |
| Density | Approx. 1.1 g/cm ³ (20 °C) |
| Viscosity | < 100 mPas (concentrate, 20 °C) |

The product specification may contain deviating test parameters. This specification can be obtained on request.




Ingredients:

Ingredients for cleaning agents according to Regulation (EC) No. 648/2004 on detergents:

< 5% non-ionic surfactants,
5–15% anionic surfactants,
also fragrances (limonene)

Storage information:

Always store at a temperature between 0 and 30 °C. Usable for 2 years when stored as recommended. For the expiry date, refer to the stamp mark on the label behind the hourglass symbol .

Cloudiness may occur at temperatures below 5 °C and clears up on heating.

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:

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

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

neomoscan[®] RD

Alkaline detergent for the food industry - Liquid concentrate



Properties:

neomoscan RD is an alkaline, active chlorine containing detergent in a non-foaming formulation.

Main fields of application:

neomoscan RD can be used in all current manual and automated cleaning processes in the food industry. Preferred fields of application are e. g. in the milk processing industry the cleaning of milk collection tankers, containers and pipes, churning machines and containers used in cheese manufacturing.

neomoscan RD is used in the beverage industry for the cleaning of beer barrels, transportation and storage tanks, pipes, mixing and racking installations, beer hoses, transportation crates and containers, as well as for general operational cleaning.

Because of its particularly mild composition neomoscan RD is suitable for the treatment of surfaces made of stainless steel, normal steel, iron, aluminium, brass, copper, vitreous enamel, plastic, rubber, as well as tin-plated materials.

Only for professional use.

Dosage:

The concentrations for use of neomoscan RD are between 0.5 - 2 % (w/w) in a temperature range of 40 - 85 °C, depending on the process.

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.

Controlled, safe and economic application is ensured by our weigomatic dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Law). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

10 ml of neomoscan RD working solution is mixed with 2 drops of 3 % hydrogen peroxide solution, shaken briefly and, after adding 1 - 2 drops of phenolphthalein solution, titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

$\text{ml of 0.1 N hydrochloric acid used} \times 0.412 = \% \text{ (w/w) neomoscan RD}$

Technical data:

| | |
|---|--------------------------------|
| Appearance: | Clear, yellow-green liquid |
| Density (20 °C): | approx. 1.28 g/cm ³ |
| pH-value (1 % in deionised water): | approx. 12 |
| Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein): | approx. 10 |
| Active chlorine content of a 1 % solution: | 200 - 220 mg/l |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % phosphates, chlorine-based bleaching agents

Storage information:

Always store at a temperature between 0 and 25 °C. Do not expose to direct sunlight.

Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol 🕒

neomoscan[®] S 11

Alkaline detergent for the food industry – Liquid concentrate



Main fields of application:

Cleaning of surfaces, floors, walls and containers as well as production and filling plants in the food industry using the foam cleaning method via low-pressure and foam cleaning devices and via wiping.

For professional use only!

Properties:

neomoscan S 11 is a foaming, alkaline detergent with the following properties:

- effectively removes organic residues, such as e.g. animal and vegetable fats, protein compounds and other soiling
- excellent foaming activity
- free of active chlorine
- suitable for chrome nickel steel, normal steel, iron, vitreous enamel and alkali-compatible synthetic materials
- not suitable for aluminium and light metal alloys, copper, brass and other non-ferrous metal alloys
- varnished and painted surfaces must be checked for suitability first

Dosage:

Application via low-pressure devices and foam cleaning devices:

1 - 3 % (w/w) at a temperature between 20 °C and 50 °C depending on degree of soiling. In the case of particularly stubborn soiling the concentration can be increased up to 10 % (w/w).

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.

Rinse out dosing system including suction hose with water before changing product.

The instructions of the production and cleaning plants must be observed.

The weigomatic[®] dosing systems resp. neomatik[®] dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

10 ml of neomoscan S 11 working solution is mixed with 1 - 2 drops of phenolphthalein solution and titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

$\text{ml of 0.1 N hydrochloric acid used} \times 0.22 = \% \text{ (w/w) neomoscan S 11}$

Technical data:

| | |
|---|------------------------|
| Appearance: | clear, brownish liquid |
| Density (20 °C): | 1.29 g/cm ³ |
| pH-value (1 % in deionised water, 20 °C): | approx. 13 |
| Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein): | approx. 18 |

The product specification may contain deviating test parameters. These are available on request.

Ingredients:

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

5-15 % non-ionic surfactants
< 5 % anionic surfactants


neomoscan[®] S 11

Alkaline detergent for the food industry – Liquid concentrate



Storage information:

Always store at a temperature between -20 °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.

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

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neomoscan[®] Sepa

Alkaline detergent for the food industry -
Liquid concentrate



Properties:

neomoscan Sepa is a alkaline active chlorine containing detergent in a non-foaming formulation.

Main fields of application:

neomoscan Sepa is used for the CIP and other automated cleaning processes in the food industry.

Preferred fields of application are in breweries, the cleaning of brewing and shake-out vessels, whirlpools, plate coolers, wort and beer pipes as well as in periodic basic cleaning of brewing, storage and pressure tanks. Plate heaters, tanks, pipe systems, clarifying separators and wire gauze diatomite filters are cleaned using neomoscan Sepa in fruit wine and fruit juice companies and in wine cellars.

neomoscan Sepa has proven itself many times in difficult cleaning tasks in the food industry, e.g. in removing coffee residues in the manufacturing of coffee extract, fruit and colour residues in the jam industry as well as in cleaning containers in the fish industry.

neomoscan Sepa is suitable for surfaces made of stainless steel, alkali-resistant plastics, copper, brass, glass, enamel and rubber. neomoscan Sepa is not suitable for use on surfaces made of aluminium and aluminium alloys. For these we recommend using products from the neomoscan RD range.

For professional use only.

Dosage:

The application concentrations are 1.5 – 5 % (w/w) in a temperature range of 40 - 85 °C, depending on the level of contamination and the application. In circulation processes in a temperature range of 60 – 85 °C, an action time of 30 minutes is sufficient, even in the case of high levels of contamination.

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.

Rinse out dosing system including hose with water before changing product.

Controlled, safe and economic application is ensured by our weigomatic[®] dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Law). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

The working solution concentrations are determined according to a special procedure. A detailed description of the method can be obtained on request.


Technical data:

| | |
|---|----------------------------|
| Appearance: | Clear, yellow-green liquid |
| Density (20 °C): | 1.27 g/cm ³ |
| pH value (1 % in deionised water): | approx. 12 |
| Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein): | approx. 12 |
| Active chlorine content in a 1 % solution: | approx. 450 mg/l |

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % chlorine-based bleaching agents, phosphates

Storage information:

Always store at a temperature range between 0 and 25 °C. Do not expose to direct sunlight. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol .



neomoscan[®] TE-S 150

Alkaline detergent and disinfectant for the food industry

Liquid concentrate



Fields of application:

- Combined cleaning and disinfection of surfaces, floors, walls, containers, working surfaces, exterior surfaces of production and filling plants and transport facilities as well as for the general cleaning and disinfection in the food industry via low-pressure and foam cleaning devices as well as via wiping.

Performance spectrum:

neomoscan TE-S 150 is an alkaline, active chlorine-containing detergent and disinfectant with the following properties:

- Bactericidal, yeasticidal, fungicidal, virucidal, sporicidal
- Powerfully removes organic soiling, such as animal and vegetable protein and fat
- High foam activity for use in foam cleaning devices
- Included in the IHO¹-list of disinfectants (added, checked on 19 April 2021)
- Suitable for stainless steel as well as alkali-compatible and active chlorine-compatible plastic and sealings
- Not suitable for aluminium, aluminium alloys and other light metal alloys as well as galvanised materials
- Brass, copper and non-ferrous metal alloys must be tested for suitability first.

Application and dosage:

Observe the following application parameters, depending on application and desired activity:

| Combined cleaning and disinfection (non-pre-cleaned surfaces) | |
|---|---|
| Bactericidal activity (EN 1276, EN 13697) | 41 ml/l (4.1 vol.-%), 5 min, 20 °C 35 ml/l (3.5 vol.-%), 15 min, 20 °C |
| Fungicidal activity (EN 1650, EN 13697) | 50 ml/l (5.0 vol.-%), 15 min, 20 °C |
| Virucidal activity (EN 14476) | 10 ml/l (1.0 vol.-%), 5 min, 20 °C |
| Sporicidal activity (EN 13704) | 28 ml/l (2.8 vol.-%), 15 min, 20 °C |

- To increase the cleaning performance the application temperature can be raised to up to 50 °C.
- Acidic and/or oxidative detergents and disinfectants must not be used for standing disinfection because of the risk of pitting corrosion on stainless steel. The formation of pitting corrosion is favoured by high chloride contents in the water used, high temperatures and still solutions.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Rinse out dosing system including suction hose with water before changing product.
- Only dose from the original container



- Do not use as a concentrate – only as a working solution.
- Please observe the operating instructions given by the manufacturer of the system/device.
- The weigomatic dosing systems resp. neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.
- *Use disinfectants safely. Always read the label and product information before use.*

Expert reports:

The disinfecting activity has been confirmed by certification. We will be pleased to provide certificates on request.

Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan TE-S 150 solution, the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N HCl used x 0.53 = % (w/w)
neomoscan TE-S 150

Technical data:

| | |
|-------------------|---|
| Appearance | Clear, yellowish liquid |
| pH-value | approx 12 (1 % in deionised water, 20 °C) |
| Density | approx. 1.2 g/cm ³ (20 °C) |
| Alkaline capacity | approx. 7 (ml of 0.1 N (HCl) hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein) |
| Active chlorine | approx. 250 mg/l (in 1 % solution) |

The product specification may contain deviating test parameters. This specification can be obtained on request.


Ingredients:

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

< 5 % phosphates, chlorine-based bleaching agents, polycarboxylates, phosphonates

Active substances in 100 g:
2.5 g sodium hypochlorite

Storage information:

Always store at a temperature between 4 °C and 24 °C. Keep away from sunlight. 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.



neomoscan[®] TE-S 150

Hazard and precautionary statements:

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.

1 IHO – Industrieverband Hygiene und Oberflächenschutz
[German Association for Hygiene and Surface Protection]

MB 1217/3-1

Date of Issue: 11/2021



neoseptal® PE 15

Disinfectant for the food, pharmaceutical and cosmetics industry

Liquid concentrate



Fields of application:

- Disinfection of production and filling systems such as containers, tanks, lines and heat exchangers using automated CIP processes or circulation process in the food, pharmaceutical and cosmetics industries.
- Disinfection of small and detachable parts in cleaning systems in the pharmaceutical and cosmetics industries.
- Disinfection of cleaned milking and milk-cooling systems and for interim disinfection of milking clusters using immersion and spraying processes and using automatic rinsing systems. Disinfection of brushes in automatic milking systems in the milk production area.

Performance spectrum:

neoseptal PE 15 is a highly effective disinfectant based on peracetic acid with the following properties:

- Fast and wide-ranging efficacy
- Bactericidal, yeasticidal and fungicidal according to EN 1276 and EN 1650
- Sporicidal according to EN 13704
- Foam-free adjustment – tenside-free
- Included in the IHO list of disinfectants
- Optimally suited to interim disinfection of milking equipment according to EN 1276 and EN 13697
- Included in the input list for organic farming and organic processing in Germany
- Suitable for stainless steel, aluminium, tinned iron and acid-compatible plastics up to an application concentration of 1.0 percent by volume

- Not suitable for copper, brass and other non-ferrous alloys as well as galvanised iron
- For plastic-lined tanks in the drinks industry, preliminary tests need to be carried out or you can contact us.

Application and Dosage:

- The application parameters named below must be adhered to, depending on the efficacy.

| Disinfection of cleaned systems in the food, pharmaceutical and cosmetics industries: | |
|--|--|
| Bactericidal (EN 1276) | 0.25 ml/l (0.025 percent by volume), 5 min, 20 °C 2 ml/l (0.2 percent by volume), 15 min, 10 °C |
| Yeasticidal (EN 1650) | 1 ml/l (0.1 percent by volume), 15 min, 20 °C 2 ml/l (0.2 percent by volume), 15 min, 10 °C |
| Fungicidal (EN 1650) | 10 ml/l (1.0 percent by volume), 15 min, 20 °C |
| Sporicidal (EN 13704) | 0.5 ml/l (0.05 percent by volume), 60 min, 20 °C 2.5 ml/l (0.25 percent by volume), 15 min, 20 °C |

| Interim disinfection of milking equipment | |
|--|--|
| Bactericidal (EN 1276 and EN 13697) | 10 ml/l (1.0 percent by volume), 30 min, 20 °C |



- neoseptal PE 15 must not be mixed with active chlorine-containing cleaning solutions.
- Do not let the concentrate come in contact with either organic substances (e.g. oils, grease/fat, rubber, paper, general soiling) or with rust or metal shavings/abrasions
- Acidic and/or oxidative detergents and disinfectants must not be used for standing disinfection due to the risk of pitting corrosion of stainless steel. The formation of pitting corrosion is facilitated by high chloride amounts in the water, high temperatures and still solutions
- When cleaning small and detachable parts it must be observed that the use of neoseptal PE 15 is not suitable for all washers.
- Before the first use of neoseptal PE 15 the compatibility of the product with washer parts and cleaning programs must be checked by the Application Technology Department neomoscan together with the manufacturer of the washer.
- When using neoseptal PE 15 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.
- The weigomatic dosing systems resp. neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.
- *Use disinfectants safely. Always read the label and product information before use.*

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or deionised water – especially those that come in contact with food or pharmaceutical and cosmetic products – after each cleaning and disinfection measure
- Rinse out dosing system including suction hose with water before changing product.
- Only dose from the original container
- Do not use as a concentrate – only as a working solution
- Please observe the operating instructions given by the manufacturer of the system/device
- The instructions given by the manufacturer of the milking and milk cooling systems are to be observed.

Expert reports:

The disinfecting activity has been confirmed by certification. We will be pleased to provide certificates on request.

Determining concentration:

The working solutions is determined by a special procedure. A detailed description of the method can be obtained on request.

On request we are pleased to provide you with methods for quantifying the residues of detergents in order to validate the cleaning performance in the pharmaceutical industry.

Technical data:

| | |
|------------|---------------------------------------|
| Appearance | Clear, colourless liquid |
| pH-value | 2.6 (1 % in deionised water, 20 °C) |
| Density | approx. 1.1 g/cm ³ (20 °C) |

The product specification may contain deviating test parameters. This specification can be obtained on request.


Ingredients:

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

Active substances in 100 g: 15.39 peracetic acid



Storage information:

Always store at a temperature between 0 and 25°C. Keep away from sunlight. Usable for 1 year 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:

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.

¹ IHO – Industrieverband Hygiene und Oberflächenschutz
[German Association for Hygiene and Surface Protection]



Acidic Detergent for the food industry

Liquid concentrate



Fields of application:

- Cleaning of production systems, containers, tanks and lines using automated CIP processes or circulation processes in the food industry.
- Machine cleaning of reusable transport boxes and containers in cleaning systems.

Performance spectrum:

niroklar 2000 contains phosphoric acid and special wetting agents, and has the following properties:

- Powerfully dissolves mineral and other acid-soluble deposits
- Emulsifying action
- Infiltrates organic deposits and supports their removal
- Has a good contaminant-carrying capacity and is easy to stack
- Foam-free upwards of 40 °C
- Material-preserving formulation
- Suitable for stainless steel, rubber and acid-resistant plastics and seals
- Highly-effective corrosion inhibitors largely prevent the attack on light and non-ferrous metals and their alloys, taking into account the application conditions.

Application and Dosage:

- Cleaning using automated CIP processes or circulation processes: The application concentration is 0.5 – 2.5 % (w/w), depending on application, degree of soiling and water hardness, in the temperature range of 40 – 80 °C
- Cleaning of reusable transport boxes and containers in cleaning systems:

The application concentration is 0.3 – 0.5 % (w/w), depending on application, degree of soiling and water hardness, in the temperature range of 50 – 65 °C

- niroklar 2000 must not be mixed with active chlorine-containing cleaning solutions.
- Acidic and/or oxidative detergents and disinfectants must not be used for long-term use due to the risk of pitting corrosion of stainless steel. The formation of pitting corrosion is facilitated by high chloride amounts in the water, high temperatures and still solutions.
- When using niroklar 2000 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.

General notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Do not mix with other products.
- Rinse out dosing system including suction hoses with water before changing product.
- Only dose from the original container
- Do not use as a concentrate – only as a working solution
- Please observe the operating instructions given by the manufacturer of the system/device
- The weigomatic dosing systems and neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.



Determining concentration:

After adding one to two drops phenolphthalein solution, 10 ml of niroklar 2000 solution is titrated with 0.1 N sodium hydroxide (NaOH) until the colour changes from colourless to red.

ml of 0.1 N NaOH used x 0.11 = % (w/w)
niroklar 2000

Technical data:

| | |
|------------|--|
| Appearance | Clear, colourless liquid |
| pH-value | 1.8 (1 % in fully deionised water, 20 °C) |
| Density | approx. 1.3 g/cm ³ (20 °C) |
| p-value | approx. - 37 (ml of 0.1 N (NaOH) sodium hydroxide solution used in titration of 400 mg of concentrate against phenolphthalein) |

The product specification may contain deviating test parameters. This specification can be obtained on request.


Ingredients:

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

5–15 % anionic surfactants

> 30 % phosphates

Storage information:

Always store at a temperature between -20 and 30 °C. Usable for 3 years when stored as recommended. For the 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:

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

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



Acidic detergent for the food industry

Liquid concentrate

Fields of application:

- Cleaning of production plants, containers, tanks and pipes in the food industry via automated CIP processes or in the circulation process.

Performance spectrum:

niroklar 3000 contains nitric acid and surfactants and has the following properties:

- Effectively removes inorganic deposits
- Excellent emulsifying and wetting effect
- Foam-free from 50 °C onwards
- Special inhibitors and buffer substances prevent the formation of nitrous gases and increase corrosion safety during application
- Conductivity-controlled dosing possible
- listed in the current operating resources list for organic processing in Germany
- Suitable for stainless steel, acid-compatible plastic and sealings
- Not suitable for iron, aluminium and light metal alloys as well as non-ferrous metals and their alloys

Application and dosage:

- Cleaning via automated CIP processes or in the circulation process: Depending on application, degree of soiling and water hardness the application concentration is 0.5 – 2.0 weight% in a temperature range of 50 – 70 °C
- niroklar 3000 must not be mixed with active chlorine-containing cleaning solutions.
- Acidic and/or oxidative detergents and disinfectants must not be used for long-term use due to the risk of pitting corrosion of stainless steel.



- The formation of pitting corrosion is facilitated by high chloride amounts in the water, high temperatures and still solutions.
- When using niroklar 3000 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Rinse out dosing system including suction hose with water before changing product.
- Only dose from the original container
- Do not use as a concentrate – only as a working solution
- Please observe the operating instructions given by the manufacturer of the system/device
- The weigomatic dosing systems resp. neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.

Determining concentration:

After adding one to two drops phenolphthalein solution, 10 ml of niroklar 3000 - solution is titrated with 0.1 N caustic soda (NaOH) until the colour changes from colourless to red.

$\text{ml of 0.1 N NaOH used} \times 0.24 = \% \text{ (w/w)}$
niroklar 3000



Technical data:

| | |
|---------------|--|
| Appearance | Clear, colourless liquid |
| pH-value | approx. 1.4 (1 % in deionised water, 20 °C) |
| Density | approx. 1.2 g/cm ³ (20 °C) |
| Acid capacity | approx. - 17 (ml of 0.1 N sodium hydroxide (NaOH) solution used in titration of 400 mg of concentrate against phenolphthalein) |

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


The product specification may contain deviating test parameters. This specification can be obtained on request.

Ingredients:

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

< 5 % non-ionic surfactants, phosphates

Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 2 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 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:

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

niroklar[®] S 55

Acid detergent for the food industry - Liquid concentrate



Main fields of application: Cleaning of exterior surfaces of tanks, containers, pipes as well as conveyor belts, filling plants, working utensils, surfaces, walls and floors in the food industry.
To be used in a foam process via low pressure and foam cleaning devices.
For professional use only.

Properties: niroklar S 55 is an acidic detergent based on a combination of phosphoric acid and foam-active anionic surfactants with the following properties

- Effectively solves mineral deposits such as limescale and boiler scale
- Rapidly infiltrates organic deposits such as fat and protein
- Forms stable foam when used in low pressure or foam cleaning devices
- Suitable for stainless steel, rubber, acid-compatible synthetic materials, aluminium
- Acid-sensitive non-ferrous metals and non-ferrous metal alloys, such as copper and tin, may only come into contact with a diluted niroklar S 55 solution for a short time

Dosage: Depending on the degree of soiling 2 – 3 weight%. With especially stubborn deposits the concentration can be increased to 10 weight%. The usual temperature range is 20 °C – 40 °C.
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.

Rinse out dosing system including hose with water before changing product.

The weigomatic[®] dosing systems resp. neomatik[®] dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.

Determining concentration: After adding 1 - 2 drops of phenolphthalein solution, 10 ml of niroklar S 55 working solution is titrated with 0.1 N caustic soda solution until the colour changes from colourless to red.
 $\text{ml of 0.1 N caustic soda solution used} \times 0.13 = \text{weight-\% niroklar S 55}$

Technical data:

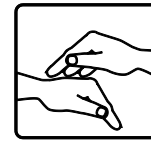
| | |
|--|--------------------------------|
| Appearance: | Clear, yellowish liquid |
| Density (20 °C): | approx. 1.28 g/cm ³ |
| pH value (1 % in deionised water, 20 °C): | approx. 2.1 |
| Acid capacity (ml of 0.1 N NaOH used in titration of 400 mg of concentrate against phenolphthalein): | approx. - 31 |

Ingredients: Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 - 15 % anionic surfactants
> 30 % phosphates
also perfume (limonene)

Storage information: Always store at a temperature between -20 °C and 30 °C. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⏳.



triformin[®] care



Skin care cream

Fields of application:

- Skin care after working and in breaks in the public health sector such as in hospitals, clinics, doctors' practices, nursery homes, in chemical and pharmaceutical fields as well as in food processing companies such as professional kitchens, butchers' shops and dairies.

Performance spectrum:

- Very rich oil/water emulsion
- Especially for the care of stressed and dry skin
- Smoothens the skin perceptibly and protects it against the loss of moisture
- Very gentle to the skin, confirmed in dermatological reports

Special Properties:

- Effective care with high quality jojoba oil
- Absorbed rapidly
- Keeps the skin smooth and elastic
- Free of perfumes
- Also suitable for the skin care of the whole body

Application and dosage:

Apply triformin care on the clean and dry skin and rub it in thoroughly.

For an optimum skin care triformin care should be used regularly after hand cleaning in breaks or after work.

For protecting the skin we recommend the use of the special skin protection cream triformin protect before work.

In addition to regular skin care with triformin care we recommend a gentle hand cleaning with triformin HR or hygienic hand washing with the hand decontaminant triformin decon.

General instructions on use:

- For professional use only
- For dosing triformin care from the 500 ml bottle we recommend the triformin dispenser 500
- Do not mix with other products



Technical data:

| | |
|-----------|----------------------------------|
| pH-value | approx. 5.0 (concentrate, 20 °C) |
| viscosity | < 10 Pa s (concentrate, 20 °C) |
| density | 0.97 g/cm ³ |

Ingredients:

Aqua
Alcohol Denat.
Palmitic Acid
Stearic Acid
Paraffinum Liquidum
Propylene Glycol
Simmondsia Chinensis (Jojoba) Seed Oil
Glyceryl Stearate
Ceteareth-20
Dimethicone
Triisononoin
Sodium Dihydroxycetyl Phosphate
Capryl Glycol
Xanthan Gum
Galactoarabinan
Glycerin
Lactic Acid
Serine
Sodium Lactate
Sorbitol
TEA-Lactate
Urea
Sodium Chloride
Sodium Benzoate
Allantoin

Storage information:

Always store at a temperature ranging between 10 and 30 °C.

The closed bottles and tubes of triformin care can be stored for at least 30 months. Usable for 12 months after opened first.

Hazard warnings and safety advice:

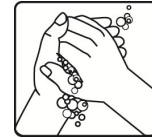
triformin care is not a hazardous product according to the CLP-Regulation (EC) No 1272/2008

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

| Sales unit | Content |
|------------|-------------|
| bottles | 6 x 500 ml |
| tubes | 12 x 100 ml |



triformin[®] decon



Antimicrobial washing lotion for hygienic hand washing

Ready-to-use solution

Fields of application:

- Hygienic hand washing in all areas of food production and processing; for use in the care sector, in professional kitchens, care homes, hospitals and in all areas where high hygiene standards must be met

Performance spectrum:

- Bactericidal, yeasticidal and active against enveloped viruses (incl. e.g. HIV, HBV, HCV, influenza viruses)
- VAH-listed

Special properties:

- Free of perfumes and colourants
- Activity for disinfecting hand washing confirmed in accordance with EN 1499
- Excellent skin tolerance due to neutral pH-value and moisturizing additives

Application and dosage:

For hygienic hand washing evenly spread 3 ml triformin decon onto the wet skin and leave to act for 30 sec. Observe the correct rubbing technique to completely cover the hands. After the contact time has expired wash hands with plenty of fresh water. Then dry the hands with disposable towels.

| | |
|-----------------------|---------------|
| Hygienic hand washing | 3 ml – 30 sec |
|-----------------------|---------------|

Beside hygienic hand washing with triformin decon we recommend using the triformin care special skin care cream and for skin protection the special triformin protect cream.

General instructions for use:

- For professional use only
- For dosing triformin decon we recommend Dr. Weigert's triformin dispenser
- Storage and transport is only permitted in original packaging
- Do not mix with other products
- Use disinfectant safely. Always read the label and product information before use*

Technical data:

| | |
|----------|--|
| pH-value | approx. 6.0 (concentrate, 20 °C) |
| Density | approx. 1.0 g/cm ³ (concentrate, 20 °C) |

Ingredients:

Active substances in 100 g:
 0.5 g alkyl(C12-16)dimethylbenzylammonium chloride
 0.25 g didecyldimethylammonium chloride

Storage information:

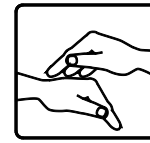
Always store at a temperature between 5 °C and 25 °C. Usable for 3 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⏳.

Hazard and precautionary statements:

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



triformin[®] protect



Skin protection cream

Fields of application:

Skin protection during daily work in the field of healthcare such as e.g. hospitals, clinics, doctors' practices, nursing homes, in chemical and pharmaceutical areas as well as in the food processing industry such as e.g. professional kitchens, butcher's shops and dairies.

Performance Spectrum:

- Economical water-in-oil emulsion
- Effectively protects the skin from drying out
- Long-lasting protection and intensive care
- Very gentle to the skin (skin-friendliness), confirmed by dermatological certificates

Special properties:

- Protects the skin from drying out
- Intensive care due to selected ingredients
- Free of perfumes
- Beeswax ensures direct skin care
- Also suitable for the whole body

Application and dosage:

Apply triformin protect on clean and dry skin and rub in thoroughly, also between the fingers and on the nails. For optimum skin protection triformin protect should always be used before work and after longer breaks. Before using gloves make sure that triformin protect has been sufficiently absorbed.

In addition to skin protection with triformin protect we recommend prior gentle hand cleaning with triformin wash, triformin wash pure or hygienic hand washing with the hand decontaminant triformin decon.

For intermediate hand care we recommend the skin care cream triformin care.

General instructions on use:

- For professional use only!
- For dosing triformin protect from the 500 ml bottle we recommend the triformin dispenser 500.

- Do not mix with other products.
- The use of triformin protect does not exempt from the duty of using of prescribed protective measures.

Technical data:

| | |
|-----------|---|
| Viscosity | approx. 1.800 Pa s (concentrate, 20 °C) |
| Density | 0.9560 - 0,9610 g/cm ³ |

Ingredients:

AQUA, PARAFFINUM LIQUIDUM, ETHYLHEXYL STEARATE, ISOPROPYL PALMITATE, ALCOHOL DENAT., GLYCERIN, CETYL PEG/PPG-10/1, DIMETHICONE, PHENOXYETHANOL, CERA ALBA, HYDROGENATED CASTOR OIL, SODIUM CHLORIDE, TOCOPHERYL ACETATE, BENZOIC ACID, DEHYDROACETIC ACID

Storage information:

Store in a frost-free place. Always store at a temperature between 0 °C and 30 °C. The closed bottles and tubes of triformin protect can be stored for at least 30 months at room temperature. Usable for 12 months after opening.

Hazard and precautionary statements:

triformin protect as a cosmetic product is not subject to Regulation (EC) No 1272/2008.

Dispose only when container is empty and closed.

A safety data sheet is available on request.



triformin[®] safeDIS



Hand disinfectant

Ready-for-use solution

Fields of application:

- Hygienic hand disinfection

Performance spectrum:

- Bactericidal, yeasticidal and virucidal (including norovirus)
- VAH¹-listed

Special properties:

- With skin care and re-moisturising components
- Excellent skin tolerance, confirmed in dermatological reports
- Alcohol-based, free of colouring agents and perfumes and therefore suitable for the food industry

Application and dosage:

For hygienic hand disinfection apply 3 ml triformin safeDIS on the clean and dry skin and allow it to act for 30 sec. Keep your hands moist when disinfecting them with triformin safeDIS and observe the correct rubbing method for disinfecting all parts of your hands.

| | |
|--|---------------|
| Hygienic hand disinfection | |
| bactericidal, yeasticidal and virucidal activity | 3 ml – 30 sec |

In addition to hygienic hand disinfection with triformin safeDIS we recommend the skin care cream triformin care and the skin protection cream triformin protect.

General instructions on use:

- For professional use only
- For dosing triformin safeDIS from the 1,000 ml bottle we recommend the triformin dispenser 1.0 resp. from the 500 ml bottle the triformin dispenser 0.5
- Do not mix with other products
- Storage and transport is only permitted in original packaging
- *Use disinfectants safely. Always read the label and product information before use*

Technical data:

| | |
|------------|-------------------------------------|
| pH-value | 3.4 (ready-for-use-solution, 20 °C) |
| Viscosity | 1.5 mPa s |
| Density | 0.9 g/cm ³ (20 °C) |
| Flashpoint | 19.5 °C according to Abel-Pensky |


Ingredients:

Active substances in 100 g:
64.0 g ethanol
8.0 g propan-1-ol

Storage information:

Keep container tightly closed. Always store at a temperature between -20 °C and +30 °C. Do not expose to direct sunlight.

Usable for 36 months when stored as recommended.

For expiry date refer to the stamp mark on the label behind the hourglass symbol .

In-use shelf life: 6 months.



triformin[®] safeDIS

Hazard and precautionary statements:

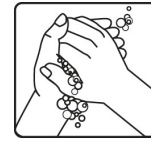
If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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

¹ Association of Applied Hygiene



triformin[®] wash



Washing lotion

Ready-to-use solution

Field of application:

- For frequent daily hand and body cleansing in the healthcare sector such as e.g. hospitals, clinics, doctors' practices, nursing homes, in chemical, cosmetical and pharmaceutical fields as well as in food processing areas e.g. in professional kitchens, butcher's shops and dairies

Activity spectrum:

- Very economical mild washing lotion
- Especially suitable for normal, dry and sensitive skin
- Suitable for body hygiene
- Excellent skin tolerance, confirmed by dermatological certificates

Special Properties:

- Based on natural plant-based raw materials
- Mild skin care
- pH-neutral
- With aloe vera and natural honey
- Free of soaps and alkali

Application and dosage:

For cleansing hands apply approx. 3 ml triformin wash on the moist skin and distribute evenly. Observe the correct washing technique to thoroughly cleanse the hands. Rinse with plenty of fresh water. Then thoroughly dry with disposable towel.

For body cleansing apply triformin wash onto the moist skin, rub thoroughly and rinse.

General instructions on use:

- For professional use only
- triformin wash is subject to the European Regulation on cosmetic products EC 1223/2009 as well as the GMP for cosmetics (Good Manufacturing Practice)

- For dosing triformin wash from the 1 L and 500 ml bottle we recommend the triformin dispenser 1.0 or triformin dispenser 0.5 from the Dr. Weigert triformin dispenser range
- In addition to cleansing with triformin wash, we recommend using the skin care lotion triformin care and the skin protection lotion triformin protect

Technical data:

| | |
|-----------|--|
| pH range | approx. 5.5 - 5.9 (concentrate, 20 °C) |
| viscosity | 1,800 - 2,600 cP (concentrate, 20 °C) |
| density | 1.0 g/cm ³ (20 °C) |

Ingredients:

Aqua, Sodium Laureth Sulfate, Sodium Chloride, Glycerin, Aloe Barbadensis Extract, Cocamidopropyl Betaine, Glycol Distearate, Laureth-4, Parfum, Methylchloroisothiazolinone, Methylisothiazolinone, Citric Acid, Mel, Linalool

Storage information:

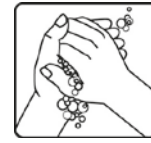
Closed containers of triformin wash can be stored for at least 30 months at room temperature. Shelf life after opening: 12 months.

Hazard warnings and safety advice:

Dispose only when container is empty and closed.



triformin[®] wash pure



Washing lotion

Liquid concentrate

Field of application:

- Frequent daily hand and body cleansing in the healthcare sector such as e.g. hospitals, clinics, doctors' practices, nursing homes as well as in professional kitchens, chemical, cosmetic and pharmaceutical areas

Activity spectrum:

- Very economical mild washing lotion
- Especially suitable for normal and dry skin
- Also suitable for body hygiene
- Excellent skin tolerance, confirmed by dermatological certificates

Special properties:

- Free of perfume and colouring agents
- Mild care product
- With lipid replenishing components and moisturising glycerin
- Free of soaps and alkali

Application and dosage:

For cleansing hands apply approx. 3 ml triformin wash pure on the moist skin and distribute evenly. Observe the correct washing technique to thoroughly cleanse the hands. Rinse with plenty of fresh water. Then thoroughly dry with disposable towel.

For body cleansing apply triformin wash pure onto the moist skin, rub thoroughly and rinse.

General instructions on use:

- For professional use only.
- triformin wash pure is subject to the European Regulation on cosmetic products EC 1223/2009 as well as the GMP for cosmetics (Good Manufacturing Practice)

- For dosing triformin wash pure from the 1 L and 500 ml bottle we recommend the triformin dispenser 1.0 or triformin dispenser 0.5 from the Dr. Weigert triformin dispenser program
- In addition to cleansing with triformin wash pure we recommend the use of the skin care cream triformin care and the skin protection cream triformin protect

Technical data:

| | |
|-----------|---|
| pH range | approx. 6.0 – 7.0 (concentrate, 20 °C) |
| viscosity | 800 – 2.000 cP (concentrate, 20 °C) |
| density | approx. 1.0 – 1.1 g/cm ³ (20 °C) |

Ingredients:

Aqua, Sodium Laureth Sulfate, Sodium Chloride, Glycerin, Glycol Distearate, Laureth-4, Cocamidopropyl Betaine, Methylchloro-isothiazolinone, Methylisothiazolinone, Citric acid, Magnesium Nitrate, Magnesium Chloride

Storage information:

Always store at a temperature between 5 °C and 30 °C. Factory-sealed containers of triformin wash pure can be stored for at least 30 months at room temperature.

In-use shelf life: 12 months.

Hazard and precautionary statements:

Dispose only when container is empty and closed.

По вопросам продаж и поддержки обращайтесь:

| | | | |
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