

caraform, neosan, neoblack, neodisher, neomoscan, neoseptal, niroklar, triformin, weigoman

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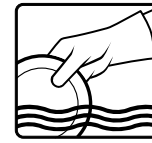
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cariform[®] citro



Washing-up liquid - lemon fresh

Liquid concentrate

Fields of application:

- Manual cleaning of tableware such as pots, pans, cutlery and glasses in all food processing fields such as professional kitchens, butcher's shops and bakeries
- Also suitable for the manual cleaning of working surfaces, tables etc.

Performance spectrum:

- Reliably removes all kinds of food residues
- Effectively supports the removal of burnt-on and very fatty residues
- Suitable for all materials such as glass, porcelain, plastic, aluminium and stainless steel

Special Properties:

- Very economical. Foaming
- With lemon fragrance
- Excellent material compatibility

Application and dosage:

Dilute cariform citro according to the below-mentioned dosing recommendation. Place the items to be washed into the solution, allow the product to act for some minutes and then thoroughly wash off. Then rinse off the solved dirt particles with plenty of fresh water.

Dosage	0.4 ml/l	0.04 %
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Especially with stubborn soiling the dosage can be increased up to 10 ml/l (1.0%) when cleaning surfaces and equipment.

In the case of a subsequent automated cleaning the use of the special pre-cleaning detergents neodisher prewash, neodisher preclean L and neodisher preclean F is recommended.

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 only permitted in original packaging.

Technical data:


pH range	6 – 7 (0.4 ml/l, determined in deionised water, 20 °C)
Viscosity	< 250 mPas (concentrate, 20 °C)
Density	approx. 1.03 g/cm ³ (20 °C)



Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % amphoteric surfactants
5 – 15 % non-ionic surfactants, anionic surfactants;
also preservation agents 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1), perfumes (linalool, geraniol, (R)-p-mentha-1,8-diene, citral)

Storage information:

Always store at a temperature between 0 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 .

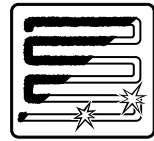
Hazard and precautionary statements:

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[®] special



Descaler for surfaces and equipment

Liquid concentrate

Fields of application:

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

Performance spectrum

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

Special Properties:

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

Application and dosage:

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

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

Proper dosage saves costs and minimises environmental impacts.

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

All items must be acid-compatible!

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

General instructions on use:

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



Technical data:

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

Ingredients:

Ingredients according to Regulation (EC)


No 648/2004 on detergents:

< 5 % non-ionic surfactants

Storage information:

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

Usable for 3 years when stored as recommended.

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

Hazard and precautionary statements:

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

Dispose only when container is empty and closed.

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

Chlorhexidin neosan Spray

teat disinfectant, ready to use solution for spraying

Highly effective, fast-acting veterinary pharmaceutical product based on chlorhexidine. Suitable for teat disinfection and mastitis prophylaxis, for spraying on the teat as well as dipping the teat into it. Particularly suitable for use in automated spray systems. Effective against all kinds of mastitis pathogens, confirmed by EN 1656. Ideal for regular mastitis prophylaxis. Authorized as veterinary pharmaceutical product. Contains 3,500 ppm chlorhexidine. Iodine-free product with reliable long-lasting effect. Contains glycerine. Caring and moisturizing, effective re-lubrication of the skin. Keeps the teat smooth, supple and improves its resistance.



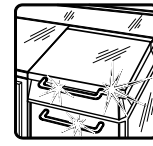
Container
Drum

Content
200 L

Item no.
1613 13



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.

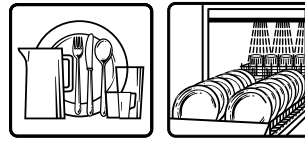
Hazard and precautionary statements:

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 400 W



Universal detergent for automated dishwashing

Liquid concentrate

Fields of application:

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

Performance spectrum:

- Removes all kinds of food residues, such as coffee and tea residues as well as starch and protein deposits
- Especially suitable for use with soft water
- Suitable for glass, china/porcelain, stainless steel and alkali-compatible synthetic materials
- Not suitable for aluminium, anodised aluminium and light metal alloys
- Parts made of silver must be checked for suitability first

Special properties:

- Ensures increased hygiene safety due to an excellent cleaning performance Reliably removes all kinds of food residues
- Especially effective against protein, coffee and tea residues

Application and dosage:

neodisher Alka 400 W is used in professional dishwashers. neodisher Alka 400 W is dosed via automatic dosing devices. The dosing amount is 2 - 3 ml/l depending on water quality and degree of soiling.

slightly soiled items or total hardness < 3 °d	2 ml/l
heavily soiled items or total hardness up to 8 °d	2 - 3 ml/l

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

When working with hard or salty water a special water treatment is recommended to achieve optimal results.

Notes on application:

- For professional use only.
- The neodisher Alka 400 W 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 automatic dosing devices or systems. Please contact us.
- Storage and transport is only permitted in original packaging.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- Do not mix with other products.



neodisher[®] Alka 400 W

Technical data:

pH-range	11.7 - 12.3 (2 - 3 ml/l, determined in deionised water, 20 °C)
Viscosity	< 10 mPas (concentrate, 20 °C)
Density	approx. 1.4 g/cm ³ (20 °C)
Conductivity	approx. 4.3 mS/cm (3 g/l, determined in deionised water, 60 °C)
Titration factor	0.70 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

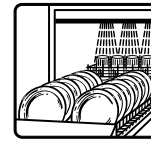
Storage information:

Always store at a temperature between -15 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 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® BioKlar



Rinse aid for crockery

Liquid concentrate

Field of application:

- Rinsing of items to be washed in dishwashers, container washers, pan washers and utensil washers

Performance spectrum:

- With optimum dosage all kinds of items are evenly wetted and dry without leaving streaks or stains
- Excellent foam-inhibiting action
- Suitable for glass, porcelain, stainless steel, aluminium and plastic
- Parts made of polysulfone (PSU) and polyphenylsulfone (PPSU) may form stress cracks when coming into contact with rinse aids due to the manufacturing process. These parts must be tested for suitability first

Special properties:

- Universally applicable
- Highly concentrated, with good wetting properties for all kinds of items
- Particularly foam-inhibiting, an advantage e.g. in pan washers and utensil washers

Application and dosage:

neodisher BioKlar is used in dishwashers, container washers, pan washers and utensil washers and is particularly suitable for softened water up to 3 °d total hardness. In the case of particularly hard water the use of a water softening or demineralising plant is recommended to avoid lime scale deposits in the washer and the items to be washed.

The dosing amount is 0.2 – 0.6 ml/l, depending on the items to be washed and the conditions on site.

Depending on the items to be washed and the conditions on site	0.2 – 0.6 ml/l
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The required temperatures in the rinsing step depend on the local conditions, applicable laws, regulations and guidelines e.g. DIN 10510 to 10512, DIN 10522 and DIN SPEC 10534 as well as the instructions of the material manufacturers.

General information on application:

- For professional use only.
- Rinse out dosing system including suction hose with water before changing product.
- The instructions given by the machine manufacturer are to be observed.
- Do not mix with other products.
- Do not decant into other containers or bottles!

Technical data:

pH-value	6.4 (0.2 – 0.6 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 % anionic surfactants, polycarboxylates

5 - 15 % non-ionic surfactants

also preservatives (2-octyl-2H-isothiazol-3-one, N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1))



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 .

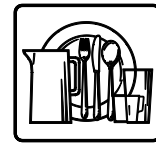
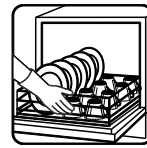
Hazard and precautionary statements:

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® brilliant clean



Universal detergent for automated dishwashing

Powder

Main fields of application:

- Automated cleaning of glasses, chinaware, cutlery and working utensils in all food processing companies such as professional kitchens, butcher's shops and bakeries
- Especially suitable for freshwater dishwashers, household dishwashers and small single-tank dishwashers
- Also suitable for dishwashers of all kinds in hospitals or in nursing homes/old people's homes

Performance spectrum:

- Effectively removes especially stubborn coffee and tea residues as well as all kinds of food residues that are not burnt or dried on too much
- Suitable for all materials such as glass, porcelain, synthetic materials, aluminium and stainless steel as well as hotel silverware.
- Items made of anodised aluminium must be tested for suitability first.

Special properties:

- offers increased hygiene safety
- Excellent material protection
- Excellent bleaching effect

Application and dosage:

Depending on degree of soiling and water hardness 2-4 g/l neodisher brilliant clean is dosed.

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

In dishwashers with a fresh water system, the product is dosed via the integrated dosing device for powder detergents on the door. When short programmes are used, the powder is placed directly onto the door to ensure good dissolving. In tank dishwashers without a fresh water system the product is dosed into the hot tank water at the beginning of the programme. After every 5 wash loads an additional dosing follows depending on the amount of rinsing water (3 l of rinsing water and a dosage of 3 g/l is the equivalent of 45 g [approx. 50 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 such as DIN 10512 and DIN SPEC 10534. The temperature should be at least 55 °C to achieve sufficient hygiene safety.

neodisher brilliant clean can be used with all degrees of water hardness. Should the water hardness exceed > 3 °d H the installation of a water softening unit or the use of an integrated softening unit is recommended to avoid lime scale and to reduce detergent consumption.



neodisher[®] brilliant clean

Notes on application:

- For professional use only.
- For economical and controlled dosing we recommend using dosing aids such as graduated cups.
- The neodisher brilliant clean solution has to be rinsed off completely with water.
- Should there be a limescale build-up in the dishwasher, the limescale should be removed using the neodisher special plus descaler.
- The instructions given by the manufacturer of the dishwasher are to be observed.
- Do not mix with other products.
- Storage and transport is only permitted in original packaging.

Hazard and precautionary statements:

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

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

Technical data:

pH-range	11.5 - 11.7 (2 - 4 g/l, determined in deionised water, 20 °C)
Bulk density	1,000 – 1,050 g/l
Titration factor	0.33 according to neodisher titration instructions

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents: < 5 % chlorine-based bleaching agents
> 30 % phosphates

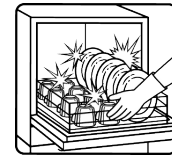
Storage information:

Always store at a temperature between 0 °C and 25 °C. Keep container closed! The product can become lumpy in damp conditions and consequently lose its efficacy.

Changes in the colour of neodisher brilliant clean may occur; this has no impact on the properties of the product which are relevant for application.



neodisher[®] brilliant dry



Rinse aid for the automated rinsing of kitchenware

Liquid concentrate

Fields of application:

- For rinsing all kinds of kitchenware in dishwashers
- Especially suitable for fresh water, domestic and small single-tank dishwashers
- Also suitable for all kinds of dishwashers in hospitals or nursing and old people's homes

Performance spectrum:

- Evenly wets all kinds of kitchenware and improves drying
- Prevents lime deposits in rinse jets and rinsing zones
- Suitable for all materials such as glass, china/porcelain, plastic, aluminium and stainless steel as well as nickel silver

Special properties:

- Also suitable for domestic dishwashers
- Highly concentrated
- Acidic formula; carried-over alkali residue and alkaline water are neutralised

Application and dosage:

neodisher brilliant dry is used in fresh water, domestic and small single-tank dishwashers. neodisher brilliant dry is added to the final rinse water via an automatic dosing device. neodisher brilliant dry can be used for water of max. 8 °d total hardness. With industrial waters of over 3 °d total hardness, water treatment is recommended. The dosing amount depends on water quality, materials to be washed and the rinse water temperature and is 0.1 – 0.8 ml/l. The optimum dosing of neodisher brilliant dry should be adjusted prior to the first operation of the machine.

Depending on water quality, items to be washed and temperature of rinsing water	0.1 - 0.8 ml/l
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When dishwashers with a water exchange are used neodisher brilliant dry is dosed via the metering device for rinse aids located at the door.

When using neodisher compact klar make sure the dosing system is acid-compatible.

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 given by the manufacturer of the dishwasher are to be observed.



neodisher[®] brilliant dry

Technical data:

pH-range	4.3 – 3.6 (0.1 – 0.8 ml/l, determined in deionised water, 20 °C)
Viscosity	approx. < 50 mPas (concentrate, 20 °C)
Density	1,005 g/l (20 °C)

Ingredients:

Ingredients according to Regulation (EC)

No 648/2004 on detergents:


< 5 % phosphonates

15 - 30 % non-ionic surfactants

also preservatives

(Chloromethylisothiazolone/ Methylisothiazolone)

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 .

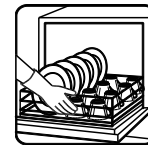
Hazard and precautionary statements:

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® brilliant tabs



Cleaning tablets for automated dishwashing

Tablets

Fields of application:

- Automated cleaning of glasses, crockery, pots and pans and cutlery in fresh water dishwashers and small single-tank dishwashers in all food processing companies such as professional kitchens, butchers' shops and bakeries
- Also suitable for use in household dishwashers

Performance spectrum:

- Effortlessly removes all kinds of food residues that are not too burnt or dried-on
- Suitable for all materials, such as glass, stainless steel, porcelain, plastic, aluminium, aluminium alloys and hotel silverware
- Items made of anodized aluminium must first be tested for suitability

Special Properties:

- excellent material compatibility
- for a brilliant finish
- with fresh lemon fragrance

Application and dosage:

Dosage	1-2 tabs per cycle
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For fresh water dishwashers or household dishwashers:
1 tablet per cycle; place tablet into the detergent compartment or the empty cutlery basket.

For tank dishwashers without water exchange: 1-2 tablets for pre-dosing; place tablet/s into the water tank. Add one tablet after every 5th cycle.

Remove packaging before using tablets.

In the case of stubborn soiling it is advisable to pre-clean the items to be washed by using the special pre-cleaner such as neodisher prewash or the neodisher preclean products.

neodisher brilliant tabs are not recommended for fresh water dishwashers (water changing dishwashers) with program times below 20 min (short programs).

In addition to neodisher brilliant tabs the use of a rinse aid such as neodisher brilliant dry is recommended.

The required temperature for dishwashing has to meet the demands of the local conditions according to the corresponding laws, regulations and guidelines.

The temperature during cleaning should be at least 55 °C to achieve sufficient hygiene safety.

In the case of hard or salty water a special water treatment (e.g. by means of the dishwasher's integrated demineralising system) is recommended to achieve optimum results and to prevent deposits in the dishwasher or on the items to be washed.

General instructions on use:

- For professional use only!
- The neodisher brilliant tabs-solution has to be rinsed off completely with water.
- The instructions of the dishwasher manufacturers must be followed.
- Do not mix with other products.



neodisher[®] brilliant tabs

Technical data:

pH-value	approx. 10.6 (2-4 g/l, determined in deionised water, 20 °C)
Weight per tablet	20 g


Ingredients:

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

- < 5 % phosphonates, non-ionic surfactants, polycarboxylates
 - 5 - 15 % oxygen-based bleaching agents
 - > 30 % phosphates
- also: enzymes, perfumes

Storage information:

Always store at a temperature between 0 and 25 °C.

Usable for 1.5 years when stored as recommended.
For expiry date refer to the stamp mark on the label behind the hourglass symbol .

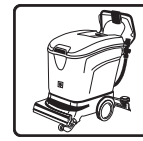
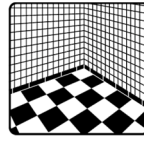
Hazard and precautionary statements:

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
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 .

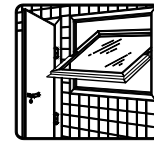
Hazard and precautionary statements:

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:

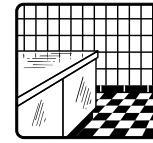
neodisher shine is not a hazardous product according to the CLP-Regulation (EC) No 1272/2008.

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[®] sol



Cleaning dispersion for surfaces

Ready-for-use solution

Fields of application:

- Manual, powerful cleaning of tableware, pots, surfaces, hobs and sinks in all food processing areas such as professional kitchens, butchers' shops and bakeries

Performance Spectrum:

- Gentle but powerful removal of stubborn residues such as lime and fat deposits without leaving scratches
- Suitable for the removal of stainless steel abrasion on porcelain/china
- Also suitable for removing anodised aluminium abrasion from anodised aluminium surfaces, e.g. instrument containers, trolleys
- Suitable for stainless steel, glass, ceramic, porcelain/china, plastic, aluminium and enamel as well as ceramic hobs
- Shiny, lacquered surfaces must be tested first
- Not suitable for sensitive surfaces and acrylic glass

Special properties:

- Powerful and gentle cleaning action
- Free of quartz
- Easy to rinse off

Application and dosage:

Apply neodisher sol undiluted directly onto the surface to be cleaned or apply with a moist cloth and wipe the surface to be cleaned. When cleaning stainless steel surfaces scrub in the grinding direction. Then thoroughly rinse the surface with fresh water.

Do not apply neodisher sol on hot surfaces. The working temperature should not exceed 60 °C.

General instructions on use:

- For professional use only!
- 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.

Technical data:

pH range	10 - 11 (concentrate, 20 °C)
viscosity	> 2,000 mPa s (concentrate, 20 °C)
density	approx. 1.3 g/cm ³ (20 °C)

Ingredients:

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

< 5 % anionic surfactants, non-ionic surfactants also perfumes (limonene), preservation agents (benzisothiazolone, methylisothiazolone)

Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 3 years when stored as recommended.



neodisher[®] sol

Hazard and precautionary statements:

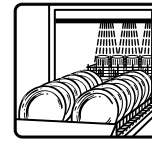
neodisher[®] sol is not a hazardous product according to CLP Regulation (EC) No. 1272/2008.

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

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



neodisher[®] 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
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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 .

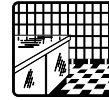
Hazard and precautionary statements:

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[®] 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

neomoscan[®] AM

Alkaline detergent and disinfectant
for milking and milk cooling plants – liquid concentrate -



Fields of application:

Automated and manual cleaning and disinfecting of milking and milk cooling plants as well as milk containers

For professional use only!

Characteristics:

neomoscan AM is an alkaline active chlorine containing detergent and disinfectant with the following properties:

- reliably removes milk protein and fat
- bactericidal activity in accordance with EN 1276
- non-foaming formulation
- DLG¹ tested and included in the product list of detergents and disinfectants for milking plants (Group 2 Cleaning + Disinfecting, alkaline)
- included in the IHO list of disinfectants²
- suitable for chrome nickel steel, brass, copper and alkali-compatible synthetic materials
seals made of rubber are not attacked
- not suitable for aluminium and light metal alloys

Dosage:

For optimum results milking plants must be cleaned after every use and milk collecting containers, cooling tanks and milk containers after each depletion as follows:

1. Pre-cleaning with cold to lukewarm water
2. Disinfection with a 0.5 weight % neomoscan AM solution (e.g. 41.5 ml neomoscan AM per 10 L water) at a temperature of 30 °C to 80 °C. The circulation duration should be 15 minutes.
3. To prevent residues on surfaces that come in contact with food, the surfaces must be rinsed with drinking water after every cleaning and disinfection.

For the safe removal of mineral deposits such as e.g. water hardness and milk stone we recommend a daily acidic alternate cleaning with **niroklar SM**:

In the morning alkaline with neomoscan AM, in the evening acidic with niroklar SM.

The instructions of the milking and milk cooling plants are to be observed.

Do not mix with other products.

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

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

Technical data:

appearance:	clear, yellowish-green liquid
density (20 °C):	approx. 1.20 g/cm ³
pH-value (1 % in deionised water, 20 °C):	approx. 12

Ingredients:

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

< 5 % phosphates
also disinfectants

Active substances: 3.9 g sodium hypochlorite

Storage information:

Always store at a temperature between -10 °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

For safety information see EC safety data sheets. These are available at

neomoscan Clean A

alkaline detergent, liquid concentrate

free of surfactants

Reliably removes suitable milk protein and fat for use at temperatures of 40 to 60 ° C, for low to medium water hardness With active chlorine. Daily cleaning with acidic contrast niroklar Clean S.



Container

Drum

Canister

Content

250 kg

24 kg

Item no.

1020 13

1020 26

neomoscan[®] FA 18

Alkaline detergent for the food industry – liquid concentrate



Main fields of application:

Cleaning of production, filling and packing plants, tanks, containers and pipes via automated CIP processes or circulation processes in the food processing industry, especially for cleaning KEGs, fermentation and storage tanks in breweries.

Active chlorine-free and quat-free cleaning of milking and milk cooling plants and pipes in dairy farms. Especially for the cleaning of automated milking systems (AMS) e.g. of the company Lely.

For professional use only!

Properties:

neomoscan FA 18 is an alkaline detergent with high complexing capacity and the following properties:

- effectively removes organic residues, such as animal and vegetable fats and proteins
- with dispersing and complexing action
- non-foaming
- free of active chlorine, surfactants and phosphates
- suitable for stainless steel and alkali-compatible synthetic materials
- not suitable for copper, brass and other non-ferrous alloys

Abrasion may occur with aluminium and aluminium alloys. To minimize abrasion, we recommend using water with at least approx. 0.9 mmol/l total hardness at temperatures up to 80 °C. This abrasion does not harm equipment made of aluminium with sufficient material thickness, e.g. tanks and KEGs. Other parts and devices made of aluminium must be checked for suitability first.

Dosage:

Automated cleaning of production, filling and packing plants, tanks, containers and pipes (in CIP process):

Depending on application and degree of soiling 0.5 - 3 weight% in the temperature range "cold" up to 80 °C

Cleaning of fermentation and storage tanks (in CIP process):

approx. 2 weight% in the temperature range "cold"

Cleaning of KEGs:

approx. 1 - 2 weight% at temperatures of approx. 60 – 80 °C

Cleaning of milking and milk cooling plants, automated milking systems and pipes:

0.5 weight% at temperatures of 40 – 80 °C for at least 15 – 20 minutes

To remove residues surfaces that come into contact with food must be rinsed with drinking water after every cleaning and disinfection.

Do not mix with other products.

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

Die Bedienungsanleitung der Produktions- und Reinigungsanlagen sind zu beachten.

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:

10 ml neomoscan FA 18 working solution is mixed with 2 drops of phenolphthalein solution and titrated with 0.1N hydrochloric acid until a colour change from red to colourless occurs.

ml 0.1 N hydrochloric acid used x 0.13 = weight% neomoscan FA 18

Technical data:

Appearance:	Yellow, clear liquid
Density (20°C):	approx. 1.37 g/cm ³
pH value (1% in deionised water, 20 °C):	approx. 13

neomoscan[®] FA 18

Alkaline detergent for the food industry – liquid concentrate




Alkaline capacity (ml 0.1 N hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein): approx. 30

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 % phosphonates, polycarboxylates

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 .

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, 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.



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[®] M flüssig

Alkaline detergent and disinfectant for Milking- and Milkcooling-Systems -
Liquid concentrate



Properties:

neomoscan M flüssig is a liquid, alkaline combined cleaner and disinfectant with great resistance to water hardness.

neomoscan M flüssig is listed in the DLG list of tested cleaners and disinfectants for milking installations, Groups 1s and 2a.

Main fields of application:

Fields of application of neomoscan M flüssig in dairy farms are the cleaning and disinfection of pipe and bucket milking installations, milking stalls, milk cooling tanks and yard containers. neomoscan M flüssig can be used in all current mechanical cleaning and disinfection procedures.

Due to its particularly mild composition, neomoscan M flüssig is suited to the treatment of surfaces made from stainless steel, normal steel, brass, copper, vitreous enamel and alkali-resistant plastics. Rubber gaskets are not attacked.

Only for professional use.

Dosage:

To achieve an optimal result, we recommend using a 0.5 % by weight solution at a temperature between 30 °C and 80 °C; the circulation time should be 10-20 minutes.

Depending on the cleaning temperature and the hardness of the operating water, we recommend a regular alternate acid cleaning using niroklar GR.

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.

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

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, yellowish liquid
Density (20°C):	approx. 1.34 g/cm ³
pH value (1% in deionised water):	approx. 12.3
Alakline 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:	350 mg/l

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % polycarboxylate,
5 - 15 % phosphates
also: disinfectants,
- Active substances in 100 g: 3,6 g Sodium hypochlorite,

Storage information:

Always store at a temperature between 0 and 25 °C.

Usable for 1 year when stored as recommended.

neomoscan[®] M flüssig

Alkaline detergent and disinfectant for Milking- and Milkcooling-Systems -
Liquid concentrate



Hazard warnings and safety advice:

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

Hazard symbol C - corrosive

contains: Disodium and potassium metasilicates, sodium hypochlorite (1 - 5 % active chlorine)

Risk phrases:

R 31 - Contact with acids liberates toxic gas (chlorine gas).

R 34 - Causes burns.

Safety phrases:

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 27 - Take off immediately all contaminated clothing.

S 28 - After contact with skin, wash immediately with plenty of water.

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

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

neomoscan M Pulver

alkaline cleaning and disinfecting agent, powder

free of surfactants

Safely removes milk protein and fat, prevents the formation of calcium deposits, even at low temperatures fully effective (30 to 80 °C), with high material protection, even in cold water soluble, suitable for all water hardnesses. Bactericide (according to EN 1276), with active chlorine. Acidic contrast cleaning with niroklar GR powder is only required at periodic intervals. Active substances in 100 g: 3.5 g troclosene sodium.

Use disinfectants carefully. Always read the label and product information before use.



Container

Bucket

Bucket

Content

25 kg

10 kg

Item no.

1501 66

1501 76



Alkaline cleaning agent 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.
- Automated and manual cleaning of milking and milk-cooling systems as well as milk containers in milk-producing establishments.

Performance spectrum:

neomoscan RM is an alkaline, active chlorine-containing cleaning agent with the following properties:

- Effectively removes organic residues such as milk protein and fat
- High cleaning performance, including with stubborn soiling
- Foam-free adjustment; surfactant-free
- Effective even at low temperatures
- Good rinsing properties
- Suitable for all water hardnesses
- Prevents formation of calcium deposits
- Approved by the German Agricultural Society (DLG)¹ and included on the DLG product list of cleaning agents and disinfectants for milking systems (Group 2 R alkaline)
- Excellent material compatibility, in particular for silicone teat liners
- Suitable for stainless steel, brass, copper, and alkali- and active-chlorine-resistant plastics and seals

Application and dosage:

- Cleaning in automated CIP processes or circulation processes: The application concentration is 0.5–2.0 % (w/w) depending on application, water hardness and degree of soiling at 40 – 85 °C.
- Cleaning of milking and milk-cooling systems: 0.5 per cent by weight in a temperature range of 30 – 80 °C for 10 – 20 min.

For the removal of mineral deposits such as water hardness and milkstone, we recommend occasional acidic contrast cleaning with niroklar GR flüssig

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 instructions given by the manufacturer of the milking and milk cooling systems are to be observed.



- 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:

Add two drops of 3% hydrogen peroxide solution to 10 ml of neomoscan RM solution and briefly shake, then add one to two drops of phenolphthalein solution before titrating with 0.1 N hydrochloric acid (HCl) until the colour changes from red to colourless.

ml of 0.1 N HCl used x 0.41 = % (w/w)
neomoscan RM

Technical data:

Appearance	Clear, yellowish liquid
pH value	Approx. 12 (1% in fully deionised water, 20 °C)
Density	Approx. 1.3 g/cm ³ (20 °C)
p-value	Approx. 10 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine content	Approx. 340 mg/l (in 1 % application solution)

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% polycarboxylate, chlorine-based bleaching agent

5–15% phosphates

Storage information:

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

¹ DLG – German Agricultural Society (*Deutsche Landwirtschafts-Gesellschaft e.V.*)

neomoscan[®] SB

Alkaline detergent for the food industry – Liquid concentrate



Properties:

neomoscan SB is a surfactant-free, alkaline detergent based on active chlorine.

Main fields of application:

neomoscan SB can be used in all current manual and automated cleaning processes. The preferred fields of application are the cleaning of filters, racking installations, pipe systems and glass bottles as well as tanks and containers.

neomoscan SB is highly corrosion protective. It is suitable for cold and hot cleaning. Due to its material protective formulation neomoscan SB is universally applicable. Stainless steel, normal steel, copper, brass, aluminium, tin, vitreous enamel, plastic and rubber are not attacked when the conditions of use are followed.

For professional use only!

Dosage:

The application concentrations of neomoscan SB are in the range of 0.3 – 2% (w/w) with temperatures from 10 to 80 °C depending on the cleaning task.

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 Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

10 ml of neomoscan SB 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.

$\text{ml of 0.1 N hydrochloric acid used} \times 1.08 = \% \text{ (w/w) neomoscan SB}$

Technical data:

Appearance:	Clear, yellow-green liquid
Density (20 °C):	1.18 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. 4
Active chlorine content in a 1 % solution:	approx. 550 - 600 mg/l

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 - 15 % chlorine-based bleaching agents

Storage information:

Always store at a temperature ranging between 0 and 25 °C; protect against 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[®] SB

Alkaline detergent for the food industry – Liquid concentrate



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.

neosan Balsam

udder balm, ready balm

To protect and regenerate stressed udder and teat skin, supplies and nourishes the skin with long lasting moisture, protects against external influences, proven in swelling, induration, for milking-out therapy and weather protection. Based on valuable care ingredients and herbal extracts.



Container

Can

Content

12 x 500 ml

Item no.

1606 53

neosan[®] Care

Teat conditioner – Ready-to-use solution



Main fields of application:

Hygienic care for the protection of teats after each milking.

Ready-to-use solution for spraying via automated spraying systems, e.g. with milking robots and via manual spraying devices. Also suitable for dipping with commonly used dip cups and foaming dip cup.

For professional use only.

Properties:

neosan Care is an effective teat conditioner with the following properties:

- Contains the skin care component glycerol
- Moisturizes for smooth, resilient teats
- Ideal for automated spraying systems, for conventional dip cups and foaming dip cups.

Dosage:

Spray, dip or wet teats with neosan Care immediately after removing the cluster. neosan Care is used in undiluted form.

Do not mix with other products.

Observe the instructions given by the manufacturer of the milking systems.


Technical data:

Appearance:	Red liquid
Density (20 °C):	approx. 1.02 g/cm ³
pH-value (conc., 20 °C):	approx. 5.5

Ingredients:

Water, glycerol, propan-2-ol

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 .

Hazard and precautionary statements:

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

neosan Clean

udder wash concentrate, liquid concentrate

Thorough and hygienic wet cleaning of the udder and teats before each milking, applying udder cloth udder paper and udder shower, also suitable for cleaning teat dipping and usable as a cleansing foam in foam cups, very productive - 5 L neosan Clean are enough for 800 L working solution. Based on active iodine surfactant, glycerol and surfactants.



Container	Content	Item no.
Canister	20 kg	1605 26

neosan Dip

teat disinfectant, ready-for-use-solution for dipping

Powerful, fast-acting veterinary pharmaceutical product on the basis of povidone-iodine (PVP-iodine) for teat disinfection and mastitis prophylaxis, ideal for dipping the teats into teat cups, also suitable for spraying. Our expertise your advantage: Effective against all kinds of mastitis pathogens - confirmed by EN 1656 Ideal for regular mastitis prophylaxis. Contains 3,000 ppm povidone-iodine (PVP-Iodine). Proven, safe agent with good skin compatibility. Contains allantoin and glycerin Effective wound healing and soothing, cares and moisturizes - keeps the teats smooth, supple and improves their resistance. BVL Zul. No .: 400.630.00.00 FiBL resource list *

* FiBL resource list: Listed in the current resource list for organic farming in Germany (2014)



Container

Drum

Content

200 L

Item no.

1602 13



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]

neoseptal[®] plus

Disinfecting cleaner for surfaces and equipment – liquid concentrate



Fields of application:

Combined cleaning and disinfection of working utensils, small and detachable parts as well as (working) surfaces via wiping, via low-pressure and foam cleaning equipment and via immersing; used in the pharmaceutical, cosmetics and food industry.

Use in cooled areas (10 °C and 4 °C).

Use in hygiene sluices, e.g for disinfecting shoe soles.

For professional use only!

Characteristics:

neoseptal plus is a disinfecting cleaner based on quaternary ammonium compounds (quats) and amine derivatives and has the following properties:

- bactericidal and yeasticidal activity confirmed according to the European Standards EN 1276, EN 1650 and EN 13697
- activity against enveloped viruses confirmed according to RKI/DVV¹
- disinfecting performance also tested and confirmed at 4 °C and 10 °C
- excellent cleaning performance
- very good foam activity when using foam devices
- free of perfumes, colourants and aldehydes
- excellent material compatibility
- highly economical due to its low working concentration and short action times
- included in the IHO² list of disinfectants
- suitable for stainless steel, light and ferrous metals and its alloys and plastic
- NBR and anodised aluminium must be tested first

Dosage:

Dilute neoseptal plus according to the below-mentioned dosing recommendation depending on the respective application. The working temperature should not exceed 40 °C.

Application recommendation	
Surface disinfection with wiping or foaming procedure (bactericidal, yeasticidal)	
Cleaning and disinfection (all surfaces – not pre-cleaned and pre-cleaned)	5 ml/l (0.5 Vol.-%), 15 min, 20 °C 20 ml/l (2.0 Vol.-%), 60 min, 10 °C 30 ml/l (3.0 Vol.-%), 60 min, 4 °C
Disinfection (pre-cleaned surfaces)	5 ml/l (0.5 Vol.-%), 15 min, 20 °C 10 ml/l (1.0 Vol.-%), 5 min, 20 °C
also active against enveloped viruses according to RKI/DVV (incl. HIV, HCV, HBV, influenza)	10 ml/l (1.0 Vol.-%), 15 min, 20 °C
Disinfection of small parts in an immersion bath (bactericidal, yeasticidal)	
Cleaning and disinfection (all small parts – not pre-cleaned and pre-cleaned)	10 ml/l (1.0 Vol.-%), 60 min, 20 °C Change solution in case of visible contamination, at least daily
Disinfection (pre-cleaned small parts)	10 ml/l (1.0 Vol.-%), 15 min, 20 °C Change solution in case of visible contamination, at least weekly
Cleaning and disinfection (bactericidal) of shoe soles	
Cleaning with a sole cleaning device (brush system)	from 1 ml/l (0,1 Vol.-%)

¹ Methods of the Robert Koch Institute (RKI) and the German Association for the Control of Virus Diseases (Deutsche Vereinigung zur Bekämpfung von Viruskrankheiten [DVV])

² German Association for Hygiene and Surface Protection (Industrieverband Hygiene und Oberflächenschutz [IHO])

neoseptal[®] plus

Disinfecting cleaner for surfaces and equipment – liquid concentrate



Disinfecting with a disinfection mat	40 ml/l (4.0 Vol.-%), 5 min, 20 °C Change solution in case of visible contamination, at least every 2 days
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Surfaces that come in contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.

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 mixing equipment is recommended. Please contact us.

Do not mix with other products.

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

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

Certificates / listings:

The disinfecting activity has been tested and confirmed by the European standards EN 1276, EN 1650, EN 13697 and the methods of the German Robert Koch Institute (RKI) and the German Association for the Control of Viral Diseases (DVV)¹. We are pleased to provide certificates on request.


Technical data:

Appearance: clear, colourless to yellowish liquid
Density (20 °C): approx. 0.99 g/cm³
pH-range (0.5 - 1.0 weight-% determined in deionised water, 20 °C): approx. 9.0
Viscosity (concentrate, 20 °C) < 50 mPas

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 - 15 % non-ionic surfactants, disinfectants
Active substances in 100 g: 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 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.

niroklar[®] AR

Acidic detergent for the food industry – Liquid concentrate



Main fields of application: Exterior cleaning of production and packing plants, tanks and pipes, filling machines and conveyor belts as well as cleaning tiles and glazed tiles of floors and walls in the production, filling and sanitary area.

niroklar AR is applied manually by wiping, via dipping method or suitable cleaning, spraying and low pressure foaming devices.

For professional use only!

Properties: niroklar AR is an acidic detergent based on phosphoric acid in combination with highly effective wetting agents and emulsifiers and has the following properties:

- universally applicable
- reliably removes mineral deposits and emulsifies greasy, oily and pigment-containing dirt residues
- foaming
- suitable for stainless steel, aluminium, acid-compatible synthetic materials as well as tiles, glazed tiles and acid-proof jointing material. With short contact times the treatment of copper and iron is also possible.
- not suitable for galvanised surfaces

Dosage: Depending on the degree of soiling and the application 1.0 – 2.0 weight% at temperatures of 40-60 °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 instructions given by the manufacturer 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 Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.

Determining concentration: 10 ml of niroklar AR working solution is mixed with 1 - 2 drops of phenolphthalein solution and is titrated with 0.1 N caustic soda solution until the colour changes from colourless to red.


ml of 0.1 N caustic soda solution used x 0.17 = weight-% niroklar AR

Technical data:

Appearance:	Clear, yellowish liquid
Density (20 °C):	approx. 1.2 g/cm ³
pH value (1 % in deionised water, 20 °C):	1.8
Acid capacity (ml of 0.1 N NaOH used in titration of 400 mg concentrate against phenolphthalein):	approx. – 24

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

niroklar[®] AR

Acidic detergent for the food industry – Liquid concentrate



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.

niroklar Clean S

Acidic cleane, liquid concentrate

Suitable for daily acidic contrast cleaning, removes lime and milk stone, for cleaning temperatures of 40 to 60 °C. Based on inorganic acids.



Container

Drum

Canister

Content

240 kg

23 kg

Item no.

1021 13

1021 26

niroklar[®] FS 28

Acidic detergent for the food industry
- Liquid concentrate



Main fields of application:

Acidic cleaning of milking and milk cooling plants, pipes and milk tanks in dairies.
Cleaning of production and filling plants, tanks, containers and pipes via automated CIP processes or in circulation processes in the food industry.
For professional use only.

Properties:

niroklar FS 28 is an acidic detergent based on organic acids and special wetting agents and has the following properties:

- Reliably removes mineral coverings, such as limescale and milk stone
- Free of nitric acid and phosphoric acid
- Optimum cleaning performance at low and high temperatures (40 - 80 °C)
- Suitable for organic dairies; included in the input list for organic agriculture in Germany (FiBL Betriebsmittelliste)
- Especially material compatible – optimal for rubber teat liners made of silicone
- Suitable for chrome nickel steel, aluminium, rubber and acid-compatible plastic

Dosage:

Cleaning of milking and milk cooling plants, pipes and milk tanks:
0.5 – 1.0 % by weight at temperatures of 40-80 °C

For optimum results milking plants are cleaned after each use and milk collecting containers, cooling tanks and milk containers are cleaned after each emptying. We also recommend a daily alternated cleaning:
In the morning alkaline with neomoscan FA 28, in the evening acidic with niroklar FS 28.

Cleaning of production and filling plants via automated CIP processes or in circulation processes in the food industry:

Depending on application and degree of soiling 0.5 – 3 % by weight within a temperature range of 40 – 80 °C.

Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.

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

Do not mix with other products.

Rinse out dosing system including suction 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 one to two drops phenolphthalein solution, 10 ml of niroklar FS 28 solution is titrated with 0.1 N hydrochloric acid until the colour changes from colourless to red.

ml 0.1 N hydrochloric acid used x 0.18 = % by weight niroklar FS 28

Technical data:

Appearance: clear, colourless to yellowish liquid

Density (20 °C): approx. 1.2 g/cm³

pH-Wert (1 % by weight in deionised water, 20 °C) approx. 3

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:
preservatives (2-octyl-2H-isothiazol-3-one)

niroklar[®] FS 28

Acidic detergent for the food industry
- Liquid concentrate



Storage information:

Always store at a temperature between -3 °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.



niroklar[®] GR flüssig

Acidic Detergent for milking and milk cooling systems

Liquid concentrate



Fields of application:

- Automated and manual acidic contrast cleaning of milking and milk-cooling systems, lines and milk tanks, and of all automatic milking systems.
- Boiling-water cleaning, e.g. of Lemmer Fullwood milking systems
- Acid single-phase cleaning of milk cooling tanks

Performance spectrum:

niroklar GR flüssig is an acidic cleaning agent with the following properties:

- Solves effectively limescale and milkstone
- Supports the removal of milk protein and fat
- Free of nitric acid
- Approved by the German Agricultural Society (DLG)¹ and included on the DLG product list of cleaning agents and disinfectants for milking systems (Group 2 R acidic)
- Excellent material compatibility - optimal for silicone teat liners
- Suitable for stainless steel, aluminium, rubber and acid-compatible plastics and seals

Application and Dosage:

- For optimal results, milking systems should be pre-rinsed with cold to lukewarm water after every use, and so should milk-collection containers, cooling tanks and milk containers after every time they are emptied.
- **Acidic contrast cleaning of milking and milk-cooling systems:** 0.5 % (w/w) of niroklar GR flüssig application solution (e.g. 34 ml per 10 l water) at temperatures of 30 – 80 °C, circulation time 10 –20 min.

- For optimum cleaning results, we recommend daily alkaline cleaning and disinfection with neomoscan AM 100 or neomoscan RM.
- **Boiling-water cleaning:** The application concentration is 0.5 – 2.5 (w/w) (34 – 171 ml per 10 l water), depending on the degree of soiling, at temperatures of 40 – 100 °C, optimally approx. 77 – 97 °C for 5 – 8 min.
- **Acid single-phase cleaning:** 0.5 (w/w) of niroklar GR flüssig application solution (e.g. 34 ml per 10 l water) at temperatures of 30 – 80 °C, circulation time 10 – 30 min.
- The frequency of acidic contrast cleaning and acidic boiling-water cleaning of milking systems depends on the water hardness.
- niroklar GR flüssig 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 GR flüssig the items to be washed, the cleaning system and the drain pipes must be acid-compatible.

General instructions for use:

- 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



niroklar[®] GR flüssig

- 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.
- 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 GR flüssig 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 0.08 = % (w/w)
niroklar GR flüssig

Technical data:


Appearance	Clear, colourless to yellowish liquid
pH-value	1.7 (1 % in deionised water, 20 °C)
Density	approx. 1.5 g/cm ³ (20 °C)
Acid capacity	approx. - 49 (ml of 0.1 N NaOH 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 % non-ionic surfactants
> 30 % phosphates

Storage information:

Always store at a temperature between - 20 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.

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

¹ DLG – Deutsche Landwirtschafts-Gesellschaft e.V. [German Agricultural Association]



niroklar[®] GR Pulver

Acidic Detergent for milking and milk-cooling systems

Powder

Fields of application:

- Automated and manual acidic contrast cleaning of milking and milk-cooling systems, lines and milk tanks.

Performance spectrum:

niroklar GR Pulver is a surfactant-containing, acidic detergent with the following properties:

- Reliably removes limescale and milkstone
- Has an emulsifying and wetting action
- Supports the removal of milk protein and fat
- Easily soluble in cold water
- Free of nitric acid
- Suitable for stainless steel, aluminium, rubber and acid-resistant plastics and seals

Application and Dosage:

- For optimal results, milking systems should be cleaned as follows after every use, and so should milk-collection containers, cooling tanks and milk containers after every time they are emptied:
 1. Pre-rinsing with cold to luke-warm water
 2. Cleaning with 0.5 % (w/w) of niroklar GR Pulver solution (e.g. 50 g per 10 l of water) at temperatures of 30 to 80 °C, circulation time 10 to 20 min.
- For optimum cleaning results, we recommend daily alkaline cleaning and disinfection with neomoscan RM Pulver
- niroklar GR Pulver 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 GR Pulver 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 instructions given by the manufacturer of the milking and milk cooling systems are to be observed.
- 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 GR Pulver solution is titrated with 0.1 N caustic soda (NaOH) until the colour changes from colourless to red.

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

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

Technical data:

Appearance	White powder
pH-value	approx. 2 (1 % in fully deionised water, 20 °C)
Bulk density	approx. 1200 g/l

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

Storage information:

Always store at a temperature between

-10 and 30 °C. Usable for 2 years when stored as recommended. Close the lid again after removal! Humidity can cause the product to clump and lose effectiveness. 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.



Acidic Detergent for milking and milk cooling systems Liquid concentrate



Fields of application:

- Automated and manual acidic contrast cleaning of milking and milk-cooling systems, lines and milk tanks.

Performance spectrum:

niroklar SM is a surfactant-containing, acidic detergent with the following properties:

- Reliably removes limescale and milkstone
- Free of nitric acid
- Approved by the German Agricultural Society (DLG¹) and included on the DLG product list of cleaning agents and disinfectants for milking systems (Group 2 R acidic)
- Suitable for stainless steel, aluminium, rubber and acid-resistant plastics and seals

Application and Dosage:

- For optimum results, milking systems should be cleaned as follows after every use, and so should milk-collection containers, cooling tanks and milk containers after every time they are emptied:
 1. Pre-rinsing with cold to lukewarm water
 2. Cleaning with 0.5 % (w/w) of niroklar SM application solution (e.g. approx. 41 ml per 10 l of water) at temperatures of 30 to 80 °C, circulation time 10 to 20 min.
- For optimum cleaning results, we recommend daily alkaline cleaning and disinfection with neomoscan AM 100. Morning: alkaline with neomoscan AM 100, evening: acidic with niroklar SM.
- niroklar SM 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 SM 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 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 instructions given by the manufacturer of the milking and milk cooling systems are to 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 Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.



niroklar SM

Determining concentration:

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

ml of 0.1 N NaOH used x 0.15 = % (w/w)
niroklar SM

Technical data:

Appearance	clear, colourless liquid
pH-value	approx. 2 (1 % in deionised water, 20 °C)
Density	approx. 1.2 g/cm ³ (20 °C)
p-value	approx. - 27 (ml of 0.1 N NaOH 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 % non-ionic surfactants

> 30 % phosphates

Storage information:

Always store at a temperature between – 10 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:

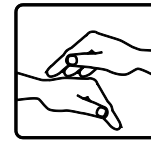
If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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

¹ DLG – Deutsche Landwirtschafts-Gesellschaft e.V. [German Agricultural Association]



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:

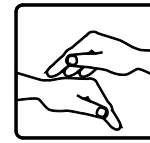
triformin care is not a hazardous product according to the CLP-Regulation (EC) No 1272/2008

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[®] 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:

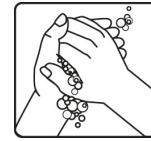
If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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:

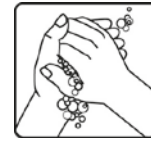
Closed containers of triformin wash can be stored for at least 30 months at room temperature. Shelf life after opening: 12 months.

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.



weigoman[®] pure



Alcohol-based hand disinfectant

Ready-to-use solution

Main field of application:

- Hygienic and surgical hand disinfection

Performance spectrum:

- Bactericidal, yeasticidal, tuberculocidal activity and activity against enveloped viruses have been confirmed by certification in accordance with European standards
- Active against Norovirus

Special properties:

- With highly active and synergetically acting moisturisers for improved skin tolerance
- Free of perfumes and colourants
- Suitable for sensitive skin
- Included in the IHO¹ list of disinfectants

Application and dosage:

For hygienic hand disinfection rub weigoman pure undiluted into the skin of the hands and keep it wet for 30 seconds.

For surgical hand disinfection repeatedly rub weigoman pure undiluted onto the hands and lower arms; keep wet for 1.5 minutes.

Ensure that problem areas (gaps between fingers, nail folds) are continuously kept wet.

Hygienic hand disinfection: Bactericidal (EN 13727, EN 1500), yeasticidal (EN 13624), tuberculocidal (EN 14348), virucidal activity against enveloped viruses (EN 14476), active against Norovirus (MNV) (EN 14476)	30 s
Surgical hand disinfection (EN 13727, EN 12791)	1.5 min

Notes on application:

- For professional use only.
- For dosing weigoman pure from the 1,000 ml bottle, we recommend using the triformin dispenser 1.0 resp. when dosing from the

500 ml bottle please use the triformin dispenser 0.5.

- Do not mix with other products.
- Storage and transport is only permitted in original packaging.
- Use disinfectants carefully. Always read label and product information before use.*

Technical data:

pH-value	approx. 5.7 (in deionised water, 1:2 v/v)
Density	approx. 0.8 g/cm ³
Flash point	21 °C DIN 51755

Ingredients:


Active substances in 100 g:

63.14 g 2-propanol

14.3 g 1-propanol

Storage information:

Keep container tightly closed. Do not store above 25 °C. Protect from 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 .

When opened use up within 6 months.

Hazard and precautionary statements:

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

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

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Калининград (4012)72-03-81	Омск (3812)21-46-40	Сыктывкар (8212)25-95-17
Ангарск (3955)60-70-56	Калуга (4842)92-23-67	Орел (4862)44-53-42	Тамбов (4752)50-40-97
Архангельск (8182)63-90-72	Кемерово (3842)65-04-62	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Киров (8332)68-02-04	Пенза (8412)22-31-16	Тольятти (8482)63-91-07
Барнаул (3852)73-04-60	Коломна (4966)23-41-49	Петрозаводск (8142)55-98-37	Томск (3822)98-41-53
Белгород (4722)40-23-64	Кострома (4942)77-07-48	Псков (8112)59-10-37	Тула (4872)33-79-87
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