Моющие и чистящие средства для производства напитков neomoscan, neoseptal, triformin, weigoman

Описание

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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) x 0.14 = % (w/w) 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.

neomoscan® FM plus

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® S 22

**Alkaline detergent for the food industry –
Liquid concentrate**

Main fields of application:

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

For professional use only!

Properties:

neomoscan S 22 is an alkaline, active chlorine-containing detergent with the following properties:

- thorough removal of protein and fat-containing soiling
- excellent foaming activity for the effective use via foam cleaning devices
- free of perfumes and colourants
- excellent material compatibility
- suitable for stainless steel, brass, copper, aluminium, tin-plated materials, vitreous enamel, synthetic materials (plastic) and rubber

Dosage:

Depending on degree of soiling and application, the concentration of neomoscan S 22 is between 1.5 - 5 (w/w) (weight%) in a temperature range of 40 °C – 60 °C.

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.

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

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

Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan S 22 solution; the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

Consumed ml 0.1 N hydrochloric acid x 0.74 = weight.-% neomoscan S 22

Technical data:

Appearance:	Clear, yellow-brown liquid
Density (20 °C):	1.22 g/cm³
pH value (1 % in deionised water, 20 °C):	approx. 12
Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein):	approx. 5
Active chlorine content of a 1 % solution:	approx. 500 mg/l

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

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
5 – 15 % soap
‹ 5 % non-ionic surfactants, phosphates, chlorine-based bleaching agents

Storage information:

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

neomoscan® S 22

**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 Safety Data Sheet.

neomoscan® TE 350

Alkaline detergent and disinfectant for the food industry

Liquid concentrate

Fields of application:

- Combined cleaning and disinfection of production plants, containers, tanks and pipes in the food industry via automated CIP processes or in the circulation process
- Combined cleaning and disinfection of reusable transport boxes and containers as well as small parts and detachable parts in automated cleaning plants.

Performance spectrum:

neomoscan TE 350 is an alkaline, active-chlorine-containing detergent and disinfectant with the following properties:

- Bactericidal, yeasticidal, fungicidal, virucidal, sporicidal
- Powerfully removes organic soiling, such as animal and vegetable protein and fat
- Foam-free formula
- Included in the IHO[1] list of disinfectants
- Suitable for stainless steel as well as alkali-compatible and active chlorine-compatible plastic and sealings
- Not suitable for aluminium, aluminium alloys and other light metal alloys as well as galvanised materials
- Brass, copper and non-ferrous metal alloys must be tested for suitability first.

Application and dosage:

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

Combined cleaning and disinfection (non-pre-cleaned surfaces)	
Bactericidal activity (EN 1276)	27 ml/l (2.7 vol.-%), 5 min, 20 °C
Yeasticidal / fungicidal activity (EN 1650)	13 ml/l (1.3 vol.-%), 15 min, 20 °C
Virucidal activity (EN 14476)	10 ml/l (1.0 vol.-%), 5 min, 20 °C
Sporicidal activity (EN 13704)	33 ml/l (3.3 vol.-%), 15 min, 20 °C

- To increase the cleaning performance the application temperature can be raised to up to 80 °C.

Notes on application:

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

neomoscan® TE 350

Expert reports:

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

Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan TE 350 solution, the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N HCl used x 0.58 = % (w/w) neomoscan TE 350

Technical data:

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

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

Ingredients:

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

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

Active substances in 100 g:
2.5 g sodium hypochlorite

Storage information:

Always store at a temperature between 4 °C and 24 °C. Keep away from sunlight. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⌛.

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

Hazard and precautionary statements:

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

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

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

neomoscan® TE-S 150

Alkaline detergent and disinfectant for the food industry

Liquid concentrate

Fields of application:

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

Performance spectrum:

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

- Bactericidal, yeasticidal, fungicidal, virucidal, sporicidal
- Powerfully removes organic soiling, such as animal and vegetable protein and fat
- High foam activity for use in foam cleaning devices
- Included in the IHO[1]-list of disinfectants (added, checked on 19 April 2021)
- Suitable for stainless steel as well as alkali-compatible and active chlorine-compatible plastic and sealings
- Not suitable for aluminium, aluminium alloys and other light metal alloys as well as galvanised materials
- Brass, copper and non-ferrous metal alloys must be tested for suitability first.

Application and dosage:

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

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

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

Notes on application:

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

neomoscan® TE-S 150

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

Expert reports:

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

Determining concentration:

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

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

Technical data:

Appearance	Clear, yellowish liquid
pH-value	approx 12 (1 % in deionised water, 20 °C)
Density	approx. 1.2 g/cm3 (20 °C)
Alkaline capacity	approx. 7 (ml of 0.1 N (HCl) hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine	approx. 250 mg/l (in 1 % solution)

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

Ingredients:

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

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

Active substances in 100 g:
2.5 g sodium hypochlorite

Storage information:

Always store at a temperature between 4 °C and 24 °C. Keep away from sunlight. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⌛.

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

Hazard and precautionary statements:

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

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

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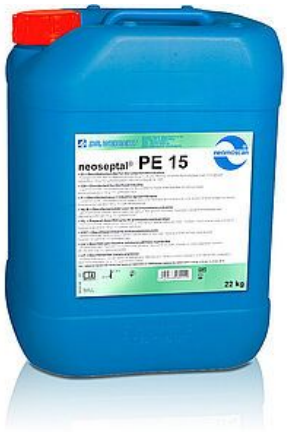
1 IHO – Industrieverband Hygiene und Oberflächenschutz [German Association for Hygiene and Surface Protection]

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

- 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.

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.
- The weigomatic dosing systems resp. neomatik dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.
- *Use disinfectants safely. Always read the label and product information before use.*

Expert reports:

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

Determining concentration:

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.

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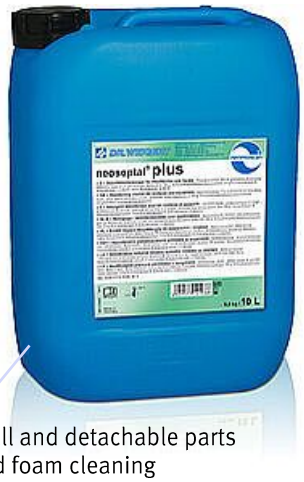
[1] IHO – Industrieverband Hygiene und Oberflächenschutz [German Association for Hygiene and Surface Protection]

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 derivates 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/DVV[1]
- 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 IHO[2] 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

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 ⌛.

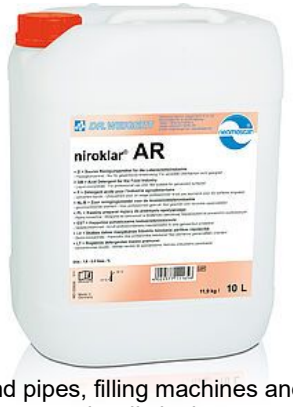
Hazard and precautionary statements:

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 ⌛.

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 perceivably 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

triformin® care

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
Triisononanoin
Sodium Dihydroxycetyl Phosphate
Capryl Glycol
Xanthan Gum
Galactoarabinan
Glycerin
Lactic Acid
Serine
Sodium Lactate
Sorbitol
TEA-Lactate
Urea
Sodium Chloride
Sodium Benzoate
Allantoin

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.

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.

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.

MB 3102/3-3
Revision Date: 07/2020

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 IHO[1] 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 disinfectancts 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.

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

The Hygiene ABC for the Beverage Industry

neomoscan®

Application Recommendations

Beverage Industry

	Alkaline cleaners					Acid cleaners							Additives						Disinfectants			Special products			
	neomoscan® FA 2036	**neomoscan® Sepa**	**neomoscan® FA 19**	**neomoscan® S 11**	**neomoscan® FA 4**	**niroklar® 3000**	**niroklar® 2000**	**niroklar® Sauer flüssig**	**niroklar® SF**	**niroklar® 66**	**niroklar® S 55**	**niroklar® AR**	**doscan® RV 2**	**doscan® RV-O plus**	**doscan® RV-S**	**doscan® RV 665**	**doscan® AS 627**	**doscan® PS**	**neoseptal® PE 15**[1]	**neoform® K dis**	**neomoscan® TE-S 150**[1]	**caraform® universal**	**neomoscan® G 8**	**neomoscan® G 7**	**neomoscan® G 15**
	defoaming[4], for CIP	active chlorine, free of surfactants, for CIP	free of surfactants, for CIP	foaming	foaming	nitric acid, defoaming[4], for CIP	phosphoric acid, defoaming[4], for CIP	nitric acid, free of surfactants, for CIP	nitric and phosphoric acid, free of surfactants, for CIP	sulphuric acid, inhibitors, free of surfactants	phosphoric acid, foaming	phosphoric acid, foaming	for alkaline CIP-solutions, defoaming[3]	for alkaline CIP-solutions, active oxygen and surfactants	for acid (nitric acid) CIP-solutions, inhibitors, free of surfactants	universal for alkaline CIP-solutions and BWM[2], free of surfactants	defoamer BWM[2], PET-compatible	scale inhibitor, pH-independent	peracetic acid (15 %), for CIP, free of surfactants	disinfecting cleaner, amines, foaming	disinfecting cleaner, active chlorine, foaming	all-purpose cleaner	chain lubricant, silicone-based, for composite foil packing	synthetic chain lubricant, PET-compatible	synthetic chain lubricant, PET-compatible
Beverage production																									
Tanks/pipes/hoses	⊙	✱	●			⊙	●	⊙	●				⊙	●	⊙				●						
Facilities (pasteurizers, mixers)	⊙	✱	●			⊙	●	⊙	●				⊙	●	⊙				●						
Juice extraction																									
Presses/Press cloths	⊙	✱	●					⊙					⊙	●	⊙										
Separators	⊙	✱	●					⊙					⊙	●	⊙				●						
Filters		✱	●					⊙					⊙	●	⊙										
Bottle washing																									
Caustic bath																●	●								
Rinsing zones										⊙								●							
Disinfection																			●						
Container cleaning/filling																									
Container cleaning		⊙	●				●	⊙	⊙					●					●						
CIP filler	⊙	✱	●			⊙	●	⊙	⊙				●		⊙				●						
Chain lubrication																							●	⊙	●
Surfaces/devices/equipment																									
Filling equipment, exterior				●							●	⊙								●	⊙				
Manual applications and accordingly disinfection					⊙							⊙								⊙		●			

Recommendation ●
Alternative ⊙
Basic cleaning ✱

The data of this table represents only a small selection of our offered range of products. The neomoscan team creates custom-tailored cleaning and disinfection concepts. Please contact us.
Before using the product, please note the specific parameters for use and the advice on material compatibility.

[1] **Use disinfectants safely. Always read the label and product information before use.**
[2] BWM = Bottle Washing Machine
[3] defoaming at warm to hot temperatures

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
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