Моющие и чистящие средства для фармацевтической и косметической промышленности neomoscan, neoseptal, triformin, weigoman

Описание

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Петрозаводск (8142)55-98-37
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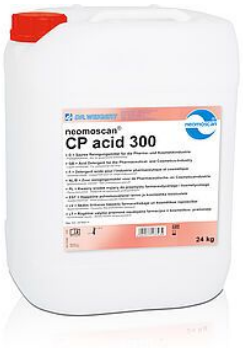
neomoscan® CP acid 300

Acidic detergent for the pharmaceutical and cosmetics industry

Liquid concentrate



Fields of application:

- Cleaning of production and filling plants, containers, tanks and pipes via automated CIP processes or in the circulation process as well as for cleaning small parts and detachable parts in cleaning systems.

Performance spectrum:

neomoscan CP acid 300 contains phosphoric acid and special wetting agents and has the following properties:

- Powerfully solves mineral deposits and other acid-soluble deposits
- Emulsifying action
- Infiltrates organic deposits and supports their removal
- Good dirt-carrying capacity
- Foam-free from 40 °C onwards
- Material-friendly formulation
- Suitable for stainless steel (e.g. 1.4301, 1.4571) as well as acid-compatible plastic (e.g. PVC, PP) and sealings (e.g. EPDM, PTFE)

Application and Dosage:

- The application concentrations are between 0.5 – 2.5 weight% in the temperature range of 40 – 80 °C, depending on soiling, application area and water quality
- The exact application parameters must be determined with the help of practical tests.
- neomoscan CP acid 300 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 neomoscan CP acid 300 the items to be washed, the cleaning system and the drain pipes must be acid-compatible.

Notes on application:

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

neomoscan® CP acid 300

Determining concentration:

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.

After adding one to two drops phenolphthalein solution, 10 ml of neomoscan CP acid 300-solution is titrated with 0.1 N caustic soda (NaOH) until the colour changes from red to colourless

ml of 0.1 N NaOH used x 0.11 = % (w/w) neomoscan CP acid 300

Technical data:

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

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

Ingredients:

Ingredients according to Regulation (EC) No. 648/2004 on detergents:
5 - 15 % non-ionic surfactants
30 % phosphates

Storage information:

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

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.

neomoscan® CP alka 100

Alkaline detergent for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Cleaning of production and filling systems, containers, tanks and lines using automated CIP processes or circulation processes in the pharmaceutical and cosmetics industries.
- Cleaning of small and detachable parts in automated cleaning systems.

Performance spectrum:

neomoscan CP alka 100 contains alkalis, surfactants and complexing agents, and has the following properties:

- Excellent removal of organic contaminants such as fat-, oil- and protein-rich production residues as well as ointments and creams
- Complexing action, including for binding of metal ions from coating suspensions
- Good emulsifying and dispersing action
- Foam-free adjustment
- Suitable for stainless steel (1.4301, 1.4571) and alkali-resistant plastics (e.g. PVC, PP) and seals (e.g. EPDM, PTFE)
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys

Application and dosage:

- Cleaning using automated cleaning processes:
  The application concentration is 0.5 – 5.0 % (w/w), depending on application, water hardness and degree of soiling,
  at 5 – 90 °C.
- The exact application parameters should be determined with the help of practical experiments.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, 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 from Dr. Weigert enable controlled, safe and economical application. We are a specialist operation as per the German Federal Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan CP alka 100 solution is titrated with 0.1 N hydrochloric acid (HCl) until the colour changes from red to colourless

ml of 0.1 N HCl used x 0.2 = % (w/w)
neomoscan CP alka 100

Product information on cleaning validation is available on request.

neomoscan® CP alka 100

Technical data:

Appearance	Brownish liquid
pH value	12.7 (1% in fully deionised water, 20 °C)
Density	Approx. 1.3 g/cm^3 (20 °C)
p-value	Approx. 20 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenol-phthalein)

The product specification may contain deviating test parameters and is available on request.

Ingredients:

Ingredients for cleaning agent according to Regulation (EC) no. 648/2004 on Detergents:

< 5% phosphonates, non-ionic surfactants

Storage information:

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

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

Hazard and precautionary statements:

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

Dispose only when the container is empty and closed. For disposal of product residues, refer to the safety data sheet.

neomoscan® CP alka 140

Alkaline detergent for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Cleaning of production and filling systems, containers, tanks and lines using automated CIP processes or circulation processes in the pharmaceutical and cosmetics industries.
- Cleaning of small and detachable parts in automated cleaning systems.

Performance spectrum:

neomoscan CP alka 140 contains alkalis and complexing agents, and has the following properties:

- Reliably removes organic contaminants
- Complexing action, suitable for all water hardnesses
- Foam-free adjustment, surfactant free
- Suitable for stainless steel (1.4301, 1.4571) and alkali-resistant plastics (e.g. PVC, PP) and seals (e.g. EPDM, PTFE)
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys

Application and dosage:

- Cleaning using automated cleaning processes:
  The application concentration is
  0.5 – 3.0 % (w/w), depending on application, water hardness and degree of soiling, at
  5 – 80 °C.
- The exact application parameters should be determined with the help of practical experiments.

  For soiling with high fat and oil content, enhanced cleaning and defoaming can be achieved through combination with active-substance concentrates from the neomoscan CP plus series.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, 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 from Dr. Weigert enable controlled, safe and economical application. We are a specialist operation as per the German Federal Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan CP alka 140 solution is titrated with 0.1 N hydrochloric acid (HCl) until the colour changes from red to colourless

ml of 0.1 N HCl used x 0.09 = % (w/w)
neomoscan CP alka 140

Product information on cleaning validation is available on request.

neomoscan® CP alka 140

Technical data:

Appearance	Clear, brownish liquid
pH value	12.7 (1% in fully deionised water, 20 °C)
Density	Approx. 1.5 g/cm^3 (20 °C)
p-value	Approx. 46 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenol-phthalein)

The product specification may contain deviating test parameters and is available on request.

Ingredients:

Ingredients for cleaning agent according to Regulation (EC) no. 648/2004 on Detergents:
< 5% phosphonates

Storage information:

Always store at a temperature between 0 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.

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 CP alka 160

Alkaline detergent, liquid concentrate

Based on complexing agents

alkalis and surfactants

Effectively removes organic soiling such as fatty, oily and protein-containing soiling as well as ointments, lotions and coating suspensions. Distinctive complexing and emulsifying properties. Foam-free from 60 °C onwards. For automated CIP processes and circulation processes as well as for the cleaning of small and detachable parts in washers.

Container	Content	Item no.
Canister	21 kg	1022 26

neomoscan® CP alka 162

Alkaline detergent for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Cleaning of production and filling systems, containers, tanks and lines using automated CIP processes or circulation processes in the pharmaceutical and cosmetics industries.
- Cleaning of small and detachable parts in automated cleaning systems.

Performance spectrum:

neomoscan CP alka 162 contains complexing agents, alkalis and surfactants and has the following properties:

- Pronounced complexing action, ideally suited to removing coating suspensions
- Good emulsifying and dispersing action
- Effectively removes organic contaminants such as fat-, oil- and protein-rich residues like ointments and creams
- Suitable for spraying and CIP due to foam-free adjustment from 60 °C
- Suitable for stainless steel (1.4301, 1.4571) and alkali-compatible plastics (e.g. PVC, PP) and seals (e.g. EPDM, PTFE)
- Not suitable for aluminium and light alloys, copper, brass and non-ferrous alloys

Application and dosage:

Cleaning using automated cleaning processes:
The application concentration is
0.5 – 10.0 % (w/w), depending on application, water hardness and degree of soiling, at 60 – 85 °C.

- The exact application parameters should be determined with the help of practical experiments.
- For soiling with high fat and oil content, enhanced cleaning and defoaming can be achieved through combination with active-substance concentrates from the neomoscan CP plus series.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, 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 from Dr. Weigert enable controlled, safe and economical application. We are a specialist operation as per the German Federal Water Act (WHG). Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

After adding one to two drops of phenolphthalein solution, 10 ml of neomoscan CP alka 162 solution is titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless

ml of 0.1 N HCl used x 0.43 = % (w/w)
neomoscan CP alka 162

Product information on cleaning validation is available on request.

neomoscan® CP alka 162

Technical data:

Appearance	Clear, colourless to yellowish liquid
pH value	Approx. 12 (1% in fully deionised water, 20 °C)
Density	Approx. 1.1 g/cm³ (20 °C)
p-value	Approx. 9 (ml of 0.1 N HCl used in titration of 400 mg concentrate against phenol-phthalein)

The product specification may contain deviating test parameters and is available on request.

Ingredients:

Ingredients for cleaning agent according to Regulation (EC) no. 648/2004 on Detergents:

< 5 % soap, non-ionic surfactants

Storage information:

Always store at a temperature between 0 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.

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® CP plus 500

Additive for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Enhancing the cleaning performance of alkaline solutions for cleaning of production and filling systems using automated CIP processes or circulation processes as well as deodorisation and removal of colouring agents
- Cleaning of small and detachable parts in cleaning systems

Performance spectrum:

neomoscan CP plus 500 is an active-substance concentrate based on hydrogen peroxide, among other things, with the following properties:

- Enhances the cleaning performance of alkaline cleaning solutions through oxidative action
- Supports the removal of stubborn soiling
- Reliably removes colouring agents and aroma compounds
- Free of surfactants
- Suitable for oxidation-resistant materials and plastics
- Material compatibility is geared towards the basic alkaline component used

Application and dosage:

- neomoscan CP plus 500 is used in combination with application solutions of sodium hydroxide or manufactured alkaline cleaning agents from the neomoscan CP alka series.
- When neomoscan CP plus 500 is used in CIP or circulation processes, it is dosed into the feed tank or in-line for immediate use. The application concentration is 0.2 – 1.0 % (w/w), depending on soiling, water hardness and application, in the temperature range of 60 – 85 °C
- To ensure optimal effectiveness throughout the cleaning period, neomoscan CP plus 500 should be added in intervals.
- The exact application parameters should be determined with the help of practical experiments
- Due to the separation of oxygen and resulting pressure increase, pressure equalisation must be ensured when neomoscan CP plus 500 is used in closed systems.
- neomoscan CP plus 500 must not be mixed with cleaning solutions that contain active chlorine.
- Do not bring the undiluted product into contact with organic substances or with other concentrated cleaners and disinfectants.

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, after each cleaning and disinfection measure.
- Do not mix with other products.
- Rinse out the 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 from Dr. Weigert enable controlled, safe and economical application. We are a specialist operation as per the German Federal Water Act (WHG).

neomoscan® CP plus 500

Suited to the individual conditions and requirements, we plan, install and maintain central and distributed dosing systems.

Determining concentration:

To determine concentration, 10 ml detergent solution is mixed with 5 ml of a 5 % potassium iodide-solution and 5 ml of 10 % hydrochloric acid. After adding 1 – 2 drops of a 10 % ammonium molybdate solution, the brown solution is titrated with 0.1 N sodium thiosulphate solution until colourless.

ml of 0.1 N sodium thiosulphate solution
used x 0.11 = % (w/w) neomoscan CP plus 500

Further product information for the cleaning validation is available on request.

Technical data:

Appearance	Clear, colourless liquid
pH value	2.8 (1 % in fully deionised water, 20 °C)
Density	Approx. 1.1 g/cm^3 (20 °C)

The product specification may contain deviating test parameters and is available on request.

Ingredients:

Ingredients for cleaning agent according to Regulation (EC) no. 648/2004 on Detergents:
< 5 % phosphonates
5–15 % oxygen-based bleaching agents

Storage information:

Always store at a temperature between 0 and 25 °C. Keep away from sunlight. Usable for 2 years when stored as recommended. For the expiry date, refer to the stamp mark on the label behind the hourglass symbol.

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

Hazard and precautionary statements:

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

Dispose only when the container is empty and closed. For disposal of product residues, refer to the safety data sheet.

neomoscan® CP plus 580

Additive for the pharmaceutical and cosmetics industry

Liquid concentrate

Fields of application:

- Enhancing the cleaning performance of alkaline solutions for cleaning of production and filling systems using automated CIP processes or circulation processes
- Cleaning of small and detachable parts in cleaning systems

Performance spectrum:

neomoscan CP plus 580 is a cleaning intensifier with the following properties:

- High cleaning performance against residues with high oil, wax, fat and petroleum jelly content, such as ointments and creams
- Defoaming effect at 60 °C or above
- Suitable for stainless steel (1.4301, 1.4571) and alkali-resistant plastics (e.g. PVC, PP) and seals (e.g. EPDM, PTFE)
- Material compatibility is geared towards the basic alkaline component used

Application and dosage:

- neomoscan CP plus 580 is used in combination with application solutions of sodium hydroxide or manufactured alkaline cleaning agents from the neomoscan CP alka series.
- Application using CIP or circulation processes: The application concentration is 0.5 – 2.0 % (w/w) depending on soiling and application in the temperature range of 60 – 80 °C.
- As low temperatures cause foam formation, it is advisable to heat the solution up to the application temperature before switching on the spraying systems.
- The exact application parameters should be determined with the help of practical experiments.

General notes on application:

- For professional use only.
- In order to avoid product residues, rinse all surfaces with drinking water or fully deionised water, especially those that come in contact with food or pharmaceutical and cosmetic products, after each cleaning and disinfection measure.
- Do not mix as a concentrate with other products.
- Rinse out the 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:

Further product information for the cleaning validation is available on request.

neomoscan® CP plus 580

Technical data:

Appearance	Clear, yellowish liquid
pH value	9.6 (1% in fully deionised water, 20 °C)
Density	Approx. 1.0 g/cm³ (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:

> 30% non-ionic surfactants

Storage information:

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

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

Hazard and precautionary statements:

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

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

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® 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]

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]

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.

triformin® safeDIS

Hand disinfectant

Ready-for-use solution

Fields of application:

- Hygienic hand disinfection

Performance spectrum:

- Bactericidal, yeasticidal and virucidal (including norovirus)
- VAH[1]-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.

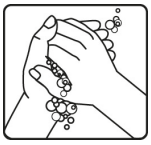
Hazard and precautionary statements:

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

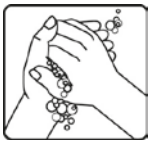
Storage information:

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 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]

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
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
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
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
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