Surfaces

Cleaning and disinfection of surfaces, inventory and medical devices

B|BRAUN
SHARING EXPERTISE

Application of surface disinfectants: DGHM[1]/VAH[2] recommendations

Methods/Instruction for use

- Wear gloves and protective clothing.
- In high-risk areas (e.g. intensive care units, operating rooms) and in areas close to the patient as well as in the event of massive contamination, the 1-hour concentration for disinfection should be applied as a minimum.
- Preferably apply the ready-to-use working solution by the rub/wipe-method.
- In the event of massive organic contamination (blood, secretions, feces, etc.), the visible contamination should first be removed with a disposable towel (e.g. cellulose) immersed in disinfectant. The towel is discarded, and the surface is disinfected in the normal manner and can be used again as soon as it is dry.
- Solutions should be freshly prepared as a general rule.
- Ready-to-use working solutions in open containers must be discarded after 24 h.
- Never add soaps or surface active additives (soap error) without the permission of your local infection control specialist.
- Avoid contamination of the disinfecting solution through immersing a used (contaminated) mop in the bucket. Minimize the immersion of already used mops with the two bucket method – one to press out the mop, one for immersing the mop in the disinfecting solution.
- Reprocess mops (cleaning utensils) after use in a cleaning and disinfecting process incl. drying and dry storage.
- Provide a cleaning and disinfection plan for each department.
- Instruct all cleaning personnel.
- Exact dosing is a prerequisite for effective disinfection. If automatic dosing devices are in use, those devices must be serviced regularly, including dosing accuracy and microbial contamination checks.
- All surfaces intended to come into contact with food must be rinsed with drinking water after disinfection.

Rules for re-using disinfected surfaces

A surface may be re-used after all routine disinfection actions as soon as it is visibly dry.
You must wait until the specified exposure time has fully elapsed before using the surfaces again in the following situations:

For Germany only: All disinfection actions in case of epidemics as part of a disinfection ordered by authorities, when the means and procedures of the list according to § 18 IPL3) of the Robert Koch Institute must be applied.	Bath tubs for which the disinfection is terminated by running water in them (risk particularly for wounds that are not completely healed and in obstetrics).
Disinfection of all contact areas located in the proximity of patients if there is the possibility that microorganisms may pass directly from the surface into the human bodies, for example through wounds (the bed of burn patients).	All disinfection actions in the food area (i.e. hospital kitchen). All surfaces which come in contact with food must be rinsed with at least drinking water quality to remove residues of the disinfectant.

1) DGHM (German abbreviation) for: German Association of Hygiene and Microbiology
2) VAH (Germ. abbr.): Association of Applied Hygiene
3) IPL - Infection Prevention Law

Content

Fast-acting surface disinfection foam
For sensitive surfaces

Meliseptol® Foam pure

Properties

- Foam for rapid disinfection of non-invasive medical devices and small areas
- Good material compatibility also with alcohol-sensitive materials, such as acrylic glass, ultrasonic probes, examination chairs
- Perfume-free, mild smell
- Active against bacteria (including mycobacteria and MRSA), fungi, enveloped viruses (including HBV, HCV, HIV)[1] and effective against Rota-, Polyoma-, Noro- and Avian Influenza virus
- Dermatological test result: "very good"
- Compatible with B. Braun wipes dispenser system

1) According to recommendation of RKI, Bundesgesaundheitsbl. 03-2017, DW / RKI suspension test.

In a nutshell

- For alcohol-sensitive materials – also ultrasonic probes
- No aerosol build-up when sprayed
- Perfume-free
- Short exposure time
- Dermatological test result: "very good"
- Also suitable for application in food areas
- Listing: DGHM/VAH list and IHO virucide list
- Applicable as impregnating liquid with B. Braun Wipes

Application instructions

Fully soak the areas with Meliseptol Foam pure and rub with a wipe. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry. For exposure time, see table.

Material compatibility

Will not degrade high-tech equipment, e.g.

- Perfusor Space
- Infusomat Space
- Dialog+ & Dialog iQ
- Acrylic glass

Spectrum of activity Use undiluted under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal, yeasticidal without mechanical action (EN 13727, EN 13624, EN 17387)*	1 min.
Mycobactericidal (EN 14348)	3 min.
Tuberculocidal (EN 14348, EN 14563)	3 min.
Fungicidal (EN 14562, A. brasiliensis)	60 min.
Virucidal against enveloped viruses (EN 14476, DVV/RKI incl. HBV, HCV, HIV)**	1 min.
Avian Influenza-A-Virus (EN 14476, DVV/RKI)	15 sec.
Norovirus (EN 14476, MNV)	3 min.
Rotavirus (DVV/RKI)	1 min.
BVDV (DVV/RKI)	1 min.
Polyomavirus SV40 (DVV/RKI)	5 min.

* The modified test conditions correspond to the requirements of EN 17387.

** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017, DVV/RKI suspension test.

Compatible with the B. Braun wipes dispenser system

Meliseptol Foam pure can be used as impregnating liquid with the B. Braun wipes dispenser system. The solution can remain in the dispenser system for up to 4 weeks.

For all sensitive surfaces

Product size	Ref.
750 ml spray bottle	19796, 19797, 19864
5 L canister	19288, 19289

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C)	approx. 0.98 g/ml
Flash point (DIN 51 755)	+31.5 °C

Meliseptol® Foam pure – composition:

100 g solution contains: 17 g Propan-1-ol, 0.23 g Didecyldimethylammoniumchloride Excipients: < 5 % non-ionic surfactants, purified water, Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants, Labeling of dangerous goods: See material safety data sheet (MSDS), Cautions: Use disinfectants safely. Always read the label and the product information before use. Do not use the product after the expiry date.

Fast-acting surface disinfection wipes
For sensitive surfaces

Lenovo tested by Lenovo for the use with Think products

Meliseptol® Wipes sensitive

Properties

- EN 16615 (4-field test) approved
- Broad activity spectrum incl. Norovirus
- Variety of packaging formats and wipe sizes
- 90 days in-use stability
- Perfume- and color-free, dermatologically tested
- Good cleaning properties

efficient fast soft

In a nutshell

Meliseptol Wipes sensitive are available in boxes and in re-closable flow-packs. The stacking of the wipes is optimized for hygienic single-hand removal and avoids blocking of the closure. Therefore the risk of contamination and drying out of the wipes is minimized. Correct closure is ensured by clicking the safe-lock cover into place. The flow packs are available in two sizes. The Meliseptol Wipes sensitive 100 are recommended for areas where a high consumption of wipes is required, e.g. in ICUs for infusion pumps and screens. The Meliseptol Wipes sensitive XL are best used for larger surfaces, e.g. of highly sensitive medical devices like baby incubators and dialysis machines.

Application instructions

Perform hand disinfection and put on gloves before use. Follow occupational safety and health standards for handling of flammable and combustible liquids. Electrical appliances must be switched off before being disinfected. If this is not possible, precautions must be taken to ensure that no switching occurs while disinfection is taking place. Let hot surface areas cool down before disinfection. Remove all visible contaminants prior to disinfection. Wipe the visible clean surface with Meliseptol Wipes sensitive until it is completely wet. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry.
For the correct exposure times see table.

Spectrum of activity Use under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal, yeasticidal without mechanical action (EN 13727, EN 13624, EN 13697*)**	1 min.
Mycobactericidal (EN 14348)**	3 min.
Tuberculocidal (EN 14348, EN 14563)**	3 min.
Fungicidal (EN 14562, A. brasiliensis)**	60 min.
Virucidal against enveloped viruses (EN 14476, DVV/RKI incl. HBV, HCV, HIV)** ***	1 min.
Avian Influenza-A-Virus (EN 14476, DVV/RKI)**	15 sec.
Norovirus (EN 14476, MNV)**	3 min.
Rotavirus (DVV/RKI)**	1 min.
BVDV (DVV/RKI)**	1 min.
Polyomavirus SV40 (DVV/RKI)**	5 min.

* The modified test conditions correspond to the requirements of EN 17387.
** Data for the impregnating solution.
*** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017, DVV/RKI suspension test.

Product size		Size	Ref.
60 pcs	dispenser box	15.2 cm x 20 cm	19582
60 pcs	refill pack	15.2 cm x 20 cm	19530
100 pcs	flow pack 100	18 cm x 20 cm	19894
42 pcs	flow pack XL	24 cm x 30 cm	19893
Flow Pack Holder		27 x 14 x 18.2 cm	3908470
Bracket Wipes sensitive/ Jumbo Box		16 x 19 x 20 cm	3908397

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C)	approx. 0.98 g/ml
Flash point (DIN 51 755)	31.5 °C

Meliseptol® Wipes sensitive – composition:
One dispenser or refill pack contains 60 ready-to-use wipes, impregnated with 300 g Meliseptol Foam pure solution. Further product sizes available. Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants, Labeling of dangerous goods: See material safety data sheet (MSDS), Cautions: Use disinfectants safely. Always read the label and the product information before use.

Fast-acting surface disinfection liquid
For resistant surfaces

Meliseptol® pure

Properties

- Perfume free product e.g. for use in food sector
- Without additional antimicrobial ingredient (as aldehydes, QAC)
- Fast and comprehensive activity sprectrum incl. mycobacteria and non-enveloped viruses Rota-, Adeno-, Norovirus (MNV)

efficient

fast

ecological

food sector

Application instructions

- Perform hand disinfection and put on gloves before use.
- Check material compatibility first (e.g. acrylic glass in general is not compatible with high concentrated alcohols).
- Electrical appliances must be switched off before being disinfected. If this is not possible, precautions must be taken to ensure that no switching occurs while disinfection is performed. Let hot surface areas cool down before disinfection.
- Disinfection of surfaces with no visible contamination:
  - Distribute the disinfectant solution onto the surface. Preferably use a disposable towel saturated with Meliseptol pure. Use the spray application only on areas that can not be accessed through wiping.
  - Do not spray into device openings.
  - Do not wipe the surface dry.
  - Wait until the exposure time has elapsed and allow the disinfectant to dry.
- In cases of visible contamination, the procedure must be carried out in two steps:
  - First remove the contamination with a disposable towel saturated with Meliseptol pure.
  - Second the disinfection is then carried out as described above.

Spectrum of activity Use undiluted under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal, yeasticidal without mechanical action (EN 13727, EN 13624, EN 13697*)	1 min.
Mycobactericidal (EN 14348)	1 min.
Virucidal activity against enveloped viruses (EN 14476) (EN 16777)	30 sec. 1 min.
Virucidal activity against enveloped viruses incl. HBV, HCV, HIV (DVV/RKI)**	30 sec.
Limited spectrum of virucidal activity (EN 14476) (EN 16777)	30 sec. 5 min.

* The modified test conditions correspond to the requirements of EN 17387.

** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Compatible with the B. Braun wipes dispenser system

Meliseptol pure can be used as impregnating liquid with the B. Braun wipes dispenser system. The solution can remain in the dispenser system for up to 4 weeks.

Note

The 1000 ml spray bottle does not include the red spray head (Ref. 6510094) – this has to be ordered seperately.

Product size	Ref.
250 ml spray bottle	180397
1000 ml spray bottle	180398, 180400
1000 ml bottle	19927, 180399
5 L canister	19958, 180401

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 9
Density (20 °C, g/cm3)	approx. 0.93 g/ml
Flash point (DIN 51 755)	+ 23 °C

Meliseptol® pure – composition:

100 g solution contains: Ethanol 44.0 g, Excipients < 5 % surfactants, purified water, Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants, Labeling of dangerous goods: See material safety data sheet (MSDS), Cautions: Use disinfectants safely. Always read the label and the product information before use. Do not use the product after the expiry date.

Fast-acting surface disinfection spray
For resistant surfaces

Meliseptol® rapid

Properties

- Ready-to-use alcohol-based disinfectant
- Completely aldehyde-free and alkylamine-free
- For surfaces of non-invasive medical devices, such as treatment chairs, work areas, and operating room equipment
- Broad efficacy spectrum: Bactericidal (including MRSA), tuberculocidal, and fungicidal (including molds). Active against enveloped viruses (including HBV, HIV, HCV)[1] and selected non-enveloped viruses[1] (including Norovirus)
- Exposure time only 1 minute (according to DGHM/VAH incl. enveloped viruses)

1) According to recommendation of RKI, Bundesgesaundheitsbl. 03-2017, DW/RKI suspension test.

In a nutshell

- Easy-to-use, to be sprayed or wiped
- Particularly fast-acting: 1 min. DGHM/VAH incl. TbB in 30 seconds respectively
- Wide efficacy spectrum
- Fresh smell
- Aldehyde-free
- Listing: The DGHM/VAH list and the IHO virucide list

Application instructions

Pour Meliseptol rapid from the bottle on a disposable wipe and fully soak the surfaces. As an alternative, spray the surfaces that are difficult to access until they are completely soaked and rub them with a disposable wipe. Let the solution work for 1 minute. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry. If electrical devices are disinfected, turn them off first (pull out the mains plug) and let them cool off. If this is not possible, make sure that no switching procedures occur while disinfection is performed. Prior to use, test the alcohol-sensitive materials for compatibility with Meliseptol rapid.

Note

The 1000 ml spray bottle does not include the red spray head (Ref. 6510094) – this has to be ordered separately.

Spectrum of activity Use undiluted under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal, yeasticidal without mechanical action (EN 13727, EN 13624, EN 13697*)**	1 min.
Mycobactericidal (EN 14348)	1 min.
Fungicidal (EN 13624, EN 14562, A. brasiliensis)	60 min.
Virucidal activity against enveloped viruses (EN 14476, DVV/RKI incl. HBV, HCV, HIV)**	1 min.
Limited spectrum of virucidal activity (EN 14476)	1 min.
Adenovirus (EN 14476)	30 sec.
Norovirus (EN 14476, MNV)	1 min.
Avian Influenza-A-Virus (prEN 14476, DVV/RKI)	15 sec.
Rotavirus (DVV/RKI)	1 min.
BVDV (DVV/RKI)**	30 sec.
Polyomavirus SV40 (DVV/RKI)	5 min.

* The modified test conditions correspond to the requirements of EN 17387.

** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Product size	Ref.
250 ml spray bottle	18564, 19047
250 ml round bottle	18566
750 ml spray bottle	19912
1000 ml spray bottle without spray head	18565, 19048
1000 ml bottle	19108
5 L canister	18567, 19049

Compatible with the B. Braun wipes dispenser system

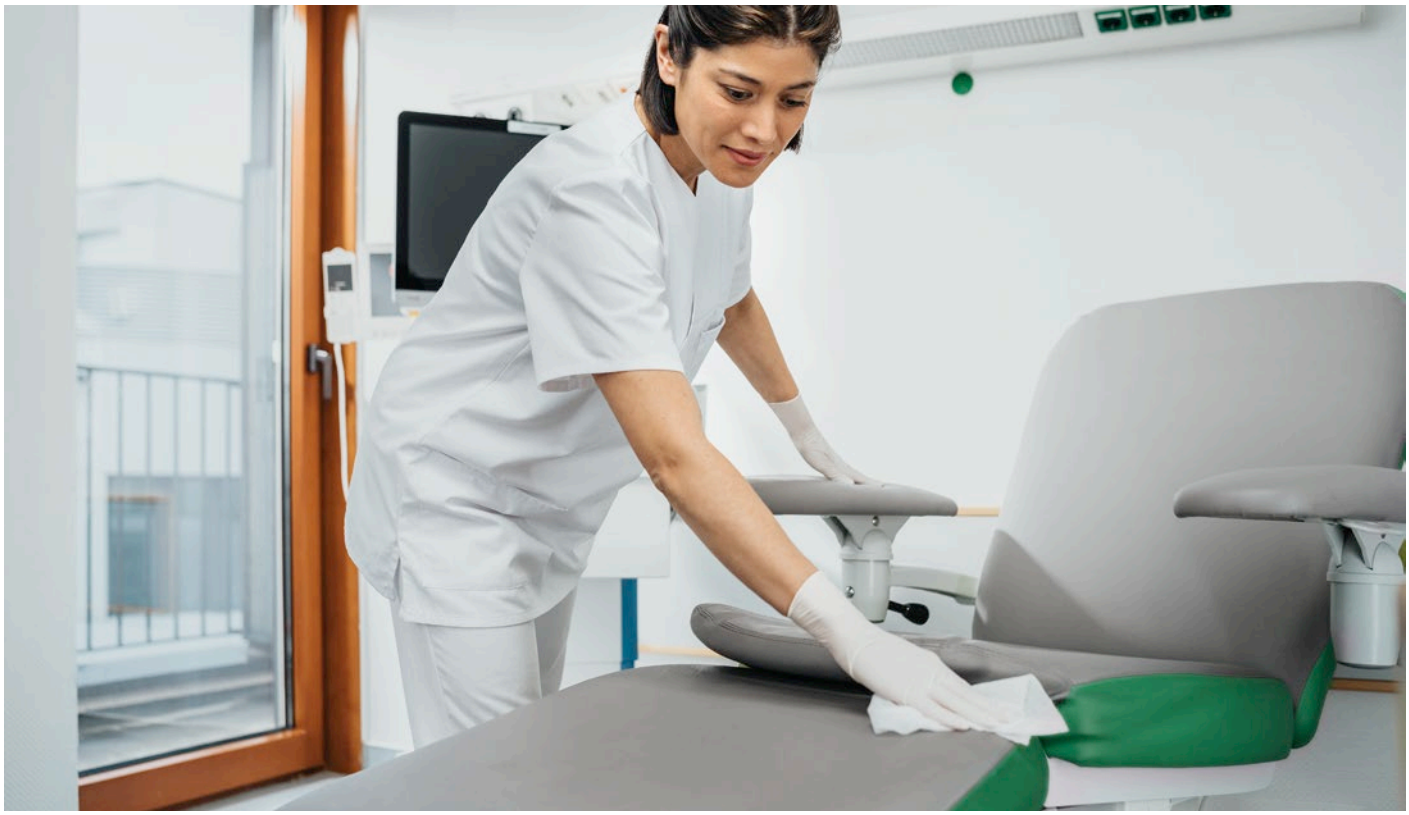
Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C)	approx. 0.98 g/ml
Flash point (DIN 51 755)	+ 31 °C

Meliseptol® rapid – composition:

100 g solution contains: 50 g propan-1-ol, 0.075 g didecyldimethyl ammonium chloride, Excipients: < 5 % non-ionic surfactants, parfume, purified water. Ingredients in accordance with the Regulations for Detergents EG 648/2004: < 5 % non-ionic surfactants, perfume, Labeling of dangerous goods: See material safety data sheet (MSDS), Cautions: Use disinfectants safely. Always read the label and the product information before use. Apply maximum 50 ml/m².

Fast-acting surface disinfection wipes
For resistant surfaces



Meliseptol® HBV Tissues

Properties

- Practical and quick with high quality wipes
- For wipe disinfection of small alcohol-resistant surfaces
- Impregnated with Meliseptol rapid liquid
  (For features of Meliseptol rapid, see page 10)
- Dispenser box for practical, safe and hygenic removal
- Reusable box with refilling pack
- Dermatologically tested
- Save-lock with audible click
- Top with guiding rail & strong back flap
- 90 days of in-use stability

In a nutshell

- Fast and effective within 1 min.*
- Aldehyde-free
- Box with refill pack
- Listing: The DGHM/VAH list and the IHO-virucide list

Application instructions

Perform hand disinfection and put on gloves before use. Follow occupational safety and health standards for handling of flammable and combustible liquids. Electrical appliances must be switched off before being disinfected. If this is not possible, precautions must be taken to ensure that no switching occurs while disinfection is taking place. Let hot surface areas cool down before disinfection. Remove all visible contaminants prior to the disinfection. Wipe the visible clean surface with Meliseptol HBV Tissues so that it is completely wet. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry. For the correct exposure times see table.

Disinfection wipes – Quick and convenient

Refill the empty, clean, disinfected and dry Meliseptol HBV Tissues box with the refilling pack with flexible foil.

Spectrum of activity Use under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal, yeasticidal without mechanical action (EN 13727, EN 13624, EN 13697*)**	1 min.
Mycobactericidal (EN 14348)**	1 min.
Fungicidal (EN 13624, EN 14562, A. brasiliensis)**	60 min.
Virucidal activity against enveloped viruses (EN 14476, DVV/RKI incl. HBV, HCV, HIV)** ***	1 min.
Limited spectrum of virucidal activity (EN 14476)**	1 min.
Adenovirus (EN 14476)**	30 sec.
Norovirus (EN 14476, MNV)**	1 min.
Avian Influenza-A-Virus (prEN 14476, DVV/RKI)**	15 sec.
Rotavirus (DVV/RKI)**	1 min.
BVDV (DVV/RKI)**	30 sec.
Polyomavirus SV40 (DVV/RKI)**	5 min.

* The modified test conditions correspond to the requirements of EN 17387.

** Data for the impregnating solution.

*** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Product size	Ref.
Dispenser box with 100 wipes	18706, 19096
Refilling pack with 100 wipes	18707, 19097

EN 16615 approved

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C)	approx. 0.98 g/ml
Flash point (DIN 51 755)	+ 31 °C

Meliseptol® HBV-Tissues – composition:

One dispenser or refill pack contains 100 ready-to-use wipes, impregnated with 180 g Meliseptol rapid solution. Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants. Labeling of dangerous goods: See material safety data sheet (MSDS) Cautions: Use disinfectants safely. Always read the label and the product information before use.

Fast-acting alcohol-based disinfectant
For resistant surfaces

Meliseptol® acute

Properties

- Solution for rapid disinfection of non-invasive medical devices and small areas
- Ready-to-use alcohol-based disinfectant
- Broad efficacy: Full virucidal activity
- Good material compatibility, e.g. examination chairs, alcohol resistant surfaces
- Perfume-free, mild smell
- Compatible with B. Braun wipes dispenser system

In a nutshell

- Fast and effective for alcohol-resistant materials
- Short exposure time
- Free from quaternary ammonium compounds (QAC)
- Aldehyde-free
- Alkylamine-free
- Colorless
- Available as ready-to-use Wipes in Flowpacks
- Listing: VAH List and the IHO List of Disinfectants

Application instructions

Soak the areas fully with Meliseptol acute and rub with a wipe or use the ready-to-use Meliseptol acute wipe. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry. For exposure time, see table.

Spectrum of activity Use undiluted under clean conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal and yeasticidal incl. C. auris with mechanical action (EN 13727, EN 13624, EN 16615)	1 min.
Bactericidal and yeasticidal incl. C. auris without mechanical action (EN 13727, EN 13624, EN 13697*)**	1 min.
Mycobactericidal with mechanical action (EN 14348, EN 16615)	1 min.
Fungicidal (A. brasiliensis) without mechanical action (EN 13624, EN 13697*)**	30 min.
Virucidal, incl. HBV, HCV, HIV (EN 14476)***	1 min.
Virucidal without mechanical action (EN 14476, EN 16777)**	3 min.
Adenovirus (EN 14476)	1 min.
Norovirus, MNV (EN 14476)	1 min.
Poliovirus (EN 14476)	1 min.
Polyomavirus SV40 (EN 14476)	1 min.

* The modified test conditions correspond to the requirements of EN 17387.

** Additional information: Main application will be with mechanical action.

*** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Product	Ref.
250 ml spray bottle	180241, 180246
250 ml round bottle	180242, 180247
750 ml spray bottle	180243, 180248
1000 ml OV bottle	180244, 180249
5 L canister	180245, 180250
100 pcs flow pack 100, 18 cm x 20 cm	180255, 180296
42 pcs flow pack XL, 24 cm x 30 cm	180256, 180297

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 2-3
Density (20 °C)	approx. 0.94 g/ml
Fragrance	none
Flash point (DIN 51 755)	+ 33.5 °C

Meliseptol® acute – composition:

100 g solution contains: 39g Propan-1-ol, 0.98g Glycolic acid, Excipients

Disinfection of medical devices
Alcohol-free wipes

Meliseptol® Wipes ultra

Properties

- Virucidal
- 60 days in-use stability
- Compatible with Meliseptol Wipes sensitive
- Optimized dispensing system with “Safe-Lock” feature

efficient

fast

all-round protection

Indications

Alcohol- and aldehyde-free Meliseptol Wipes ultra are used to clean and disinfect medical devices sensitive to alcohol. Their non-fixing ingredients for dealing with organic contamination make them particularly suitable for cleaning and disinfection of ultrasound probes coming into contact with mucous membranes (e.g. following transvaginal examinations). Meliseptol Wipes ultra provide a broad spectrum of efficacy, which makes them suitable for final disinfection of the surfaces of selected semi-critical medical devices.

Application instructions

Perform hand disinfection and put on gloves before use. Remove all visible contaminants prior to the disinfection e.g by using Meliseptol Wipes sensitive. Wipe the visible clean surface with Meliseptol Wipes ultra so that it is completely wet. Keep the surface wet until the exposure time has elapsed. Do not wipe the surface dry. For the correct exposure times, see the adjacent table. Rinse the disinfected surface thoroughly with water (in minimum drinking water quality). Alternatively for cleaning & disinfection of vaginal probes follow the instruction described in a separate product information.

Spectrum of activity Use under clean and dirty conditions at ambient temperature (min. 20°C)	Exposure time
Bactericidal, Levurocidal with mechanical action (EN 16615) dirty conditions	1 min.
Virucidal (EN 14476 incl. HBV, HCV, HIV) dirty conditions* **	1 min.
Poliovirus (EN 14476)*	1 min.
Adenovirus (EN 14476)*	1 min.
Norovirus (EN 14476, MNV)*	30 sec.
Virucidal (DVV/RKI)* **	2 min.
Polyomavirus SV40 (DVV/RKI)*	2 min.
Further test results	
Virucidal without mechanical action (EN 14476, EN 16777)* clean conditions	2 min.
Sporicidal (C. difficile), (EN 13704)*	15 min.

* For the impregnating solution.

** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Product size	Ref.
Dispenser box with 100 wipes	19810, 180014

EN 16615 approved

Physico-chemical data

This data relates to the solution containing the active ingredients found in Meliseptol Wipes ultra.

Form and color	clear, colorless
Solution pH	approx. 11

Meliseptol® Wipes ultra – composition:

100 g impregnating solution contains: 0.4 g alkyl (C12-16) dimethylbenzyl ammonium chloride, 0.2 g didecyldimethylammonium chloride. Ingredients in accordance with the Regulations for Detergents EG 648/2004: < 5 % non-ionic surfactants, perfume, Labeling of dangerous goods: See material safety data sheet (MSDS), Cautions: Use disinfectants safely. Always read the label and the product information before use. Keep away from children.

Disinfection of medical devices
Cloths for intravenous connections

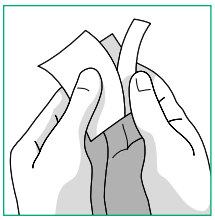
Softa® Cloth CHX 2 %

Properties

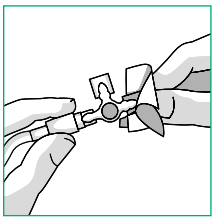
- Single-use alcohol cloth with 2 % CHX
- Compatible with Discofix C, CareSite™ Luer Access Device and Safeflow capless valve for safe and convenient access in infusion therapy

Application instructions

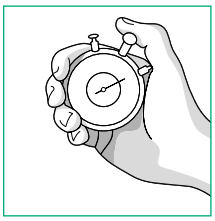
Softa Cloth CHX 2 % are single-use alcohol cloths with 2 % CHX for the cleansing and disinfection of medical devices and especially for intravenous connections. The cloths are compatible with Discofix C, CareSite™ and Safeflow capless valve for safe and convenient access in infusion therapy.



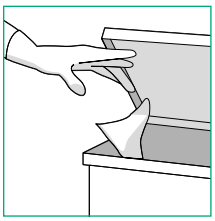
Wear gloves and take out the cloth from the sachet.



Scrub the visual clean access site for at least 5 seconds while twisting the cloth (contamination has to be removed in front by using a separate cloth).



Let the surface dry. Do not wipe dry.



Discard the cloth after use.

Always read the label and the product information before use.

Product size	Ref.
Box with 100 cloths	19581

Spectrum of activity Use under clean conditions at ambient temperature (min. 20°C)	Test norms	Exposure time
E. hirae, S. aureus, E. coli, P. aeruginosa	EN 13727	15 sec. clean and dirty conditions
	EN 16615*	1 min
C. albicans	EN 13624	15 seconds clean and dirty conditions
	EN 16615*	1 min

* A test with a shorter exposure time is technically not feasible.

Product data

- Cloth material: 25 g/m² 100 % PP (hydrophilic non-ionic finish)
- Size of cloth
  Unfolded cloth: 162 mm × 150 mm
  Folded cloth: 42 mm × 32 mm
- Appearance: Clean, white cloth pre-moistened with liquid, free from foreign matter

Softa® Cloth CHX 2 % – composition:

Delivers a minimum of: 70 % v/v Isopropyl Alcohol, 2 % w/v Chlorhexidine gluconate. Labeling of dangerous goods: See material safety data sheet (MSDS).
Cautions: Use disinfectants safely. For professional use only.

B. Braun wipes dispenser systems

B. Braun wipes dispenser system

Properties

B. Braun Wipes/Wipes mini

- Tissues of high quality (65 g/m²)
- High tensile strength through a cross-layered tissue structure
- Double layered mini-tissue

B. Braun Wipes ECO/Wipes mini ECO

- Tissues of good quality (50 g/m²)
- Elastic in transverse direction through parallel set tissue structure
- Ecological/economic use (20% reduction of material)

In a nutshell

The practical B. Braun Wipes are used wherever hygiene and cleanliness are of particular importance, e.g. in the medical and dental sector, hospitals, nursing homes, pharmaceutical companies, laboratories and food operations.

B. Braun Wipes are immediately available, presaturated in ready-to-use disinfectant, resistant and – thanks to their generous size and high capacity to absorb water and soil – can even be used in special mop systems to clean and disinfect floors. Single-use wipes reduce the risk of cross-contamination compared to conventional mops that need to be dipped in the disinfectant solution again and again.

Tested B. Braun disinfectants

The B. Braun products listed in the table below are tested with the B. Braun wipes dispenser system. B. Braun Wipes fleece wipes do not adsorb the disinfecting active ingredient but release it to the area that has to be disinfected.

Spectrum of activity Use at ambient temperature (min. 20°C)	Concentrations & exposure time	
Hexaquart® XL	1 %	15 min.
Hexaquart® pure	1 %	5 min.
Meliseptol® rapid	conc.	1 min.
Meliseptol® Foam pure	conc.	1 min.
Meliseptol® acute	conc.	1 min.
Ethanol 70 % denat.	conc.	3 min.

* The ready-to-use solution can be used up to 14 days in use with B. Braun Wipes/Wipes mini. In use with B. Braun Wipes ECO/Wipes ECO mini the wipes can be used up to 28 days too.

The cleaning and disinfecting products must be compatible with the B. Braun wipes dispenser system as well as with the B. Braun Wipes fleece rolls. If other than the tested B. Braun products are used, then verify the compatibility with the manufacturer of the cleaning and disinfecting product.

Product size	Ref.
Disinfectant wipe dispenser with gray cap (without fleece roll)	19873
Fleece roll with 100 wipes, 190 mm × 360 mm	19164
Eco: Fleece roll with 120 wipes, 190 mm × 360 mm	19726
Mini: Disinfectant wipe dispenser with gray cap (without fleece roll)	19874
Mini: Tissue roll with 25 wipes, 240 mm × 280 mm	19183
Mini eco: Fleece roll with 60 wipes, 150 mm × 200 mm	19725

Safe-lock cap with audible click

B. Braun Wipes Basic Bag

B. Braun Wipes Basic Bag

Properties

- Highly stable bag, easy-to-use with disinfectant level control
- PET nonwoven wipes for use with different disinfectants
- 100% PET fleece wipes that are both absorbent and lint-free consistently release the active components when disinfecting surfaces
- Ready to use in 15 minutes and lasts for six weeks – also in high-risk areas
- Reclosable lid protects against contamination and evaporation

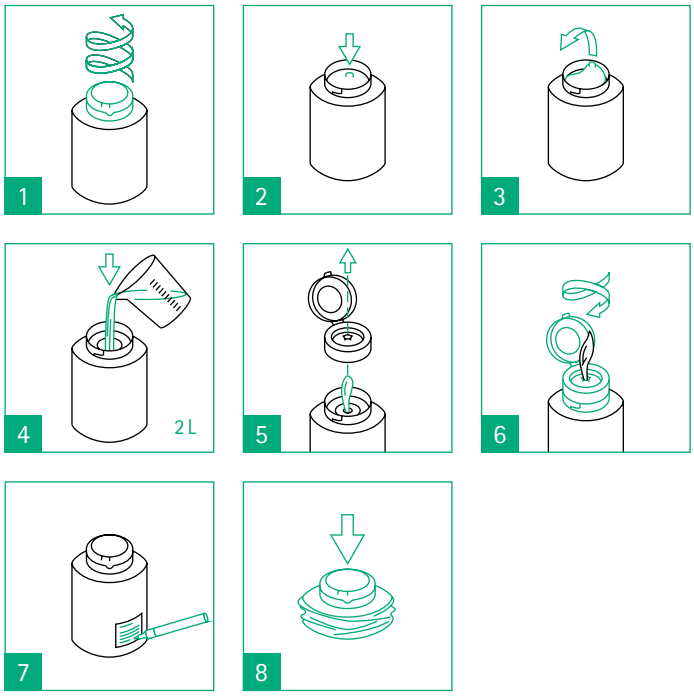
In a nutshell

The B. Braun Wipes Basic Bag is an innovative wipe dispenser system for hygiene procedures. When filled with medical-grade disinfectant, the system is suitable for disinfecting medical devices and surfaces of all kinds to meet medical hygiene standards. The compact B. Braun Wipes Basic Bag system is a convenient time-saver and comes prefilled with a roll of nonwoven wipes. Any disinfection procedure can be carried out after adding the disinfectant and waiting the necessary 15 minutes for it to soak in. When combined with the products listed in the table below, the B. Braun Wipes Basic Bag can remain effective for 42 days. Once the roll of wipes has been used up, the system can be disposed of immediately as there is no need for it to be reprocessed.

Spectrum of activity Use at ambient temperature (min. 20°C)	Concentrations & exposure time	
Hexaquart® XL	1 %	15 min.
Hexaquart® pure	1 %	5 min.
Meliseptol® rapid	conc.	1 min.
Meliseptol® Foam pure	conc.	1 min.
Meliseptol® acute	conc.	1 min.
Meliseptol® pure	conc.	1 min.
Ethanol 70 % denat.	conc.	3 min.

Single-use wipe dispenser for filling with different disinfectants

Application notes



User guide

B. Braun Wipes Basic Bag comes with a dry roll of nonwoven wipes already inside. You can then choose a disinfectant to pour into it:

- Prepare 2 liters of application solution for the disinfectant of your choice (check the manufacturer's information regarding the application concentration and reaction time).
- Open the protective cap on the wipe dispenser.
- Remove both parts of the membrane that make up the seal.
- Fill with 2 liters of disinfectant solution.
- Now thread the top wipe through the anchor-shaped opening in the dispenser.
- Pull out that first wipe and discard it.
- Fill out all the documentation fields on the label.

After a mere 15 minutes of presoaking, the system is ready to use. Filling instructions are available upon request.
Please contact us or the manufacturer of the disinfectant should you have any questions about the product's shelf life or suitability.

Areas of application

The B. Braun Wipes Basic Bag single-use wipe dispenser system can be used to impregnate, hygienically store and use nonwoven wipes with medical-grade surface disinfectant. These wipes can be used to clean and disinfect all kinds of medical equipment and surfaces.

Product size	Ref.
Basic bag with 120 wipes	180357

Surface cleaning & disinfection
Aldehyde-free concentrates

Hexaquart® XL

Properties

- Broad efficacy spectrum including TbB
- Aldehyde-free concentrate for inventory and floors
- Powerful cleaning and disinfection action
- Pleasant smell
- Very good material compatibility
- Recommended working concentrations:
  - Routine disinfection: 2.0 % / 5 min
  - Targeted disinfection: 2.0 % / 60 min
- Broad efficacy spectrum including viruses (e.g. Noroviruses)
- Listing: VAH[1)] list, IHO[2)]

Application instructions

Always add the measured amount of concentrate to water. Never vice versa! The dosage may be determined using measuring cups, dosing pumps, as well as decentralized mixing devices (i.e. Melseptomat G).

Adequately wipe the surfaces, and let them dry without wiping. Do not mix with aldehydes.

Compatibility

Applicable on: Metal, plastic, i.e. polymethacrylate (acrylic glass), elastomer, and floors. Hexaquart XL can be used as impregnating liquid with the B. Braun wipes dispenser system. The solution can remain in the dispensersystem for up to 4 weeks. The minimum product concentration is 1.0 %.

Product size	Ref.
1000 ml bottle	19940, 180026
5 L canister	19941, 180027

Physico-chemical data

Concentrate	
Appearance	orange to yellow
pH-value	approx. 11-12
Rel. density (20 °C)	approx. 1 g / ml

Hexaquart® XL – composition:

100 g solution contains:
9.9 g N-(3-aminopropyl)-N-dodecylpropan-1.3-diamine, 6.0 g Didecyldimethylammonium chloride
Excipients: < 5 % nonionic surfactants, complexing agent, perfume, corrosion inhibitor, colorant, solvent

1) VAH = Association for Applied Hygiene
2) IHO = German Association of Hygiene and Surface Protection Industries
3) DVV = German Association for the Control of Virus Diseases
4) RKI = Robert Koch Institute; German Federal Health Authority

Customer information

The following information must be available in advertising, product information, publications, internet sites:
Carefully use biocidal products. Always read the label and product information before use. Use diluted at ambient temperature (min 20 °C) under clean and dirty conditions.

Spectrum of activity Use under clean or dirty conditions at ambient temperature (min. 20°C)	Concentrations & exposure time		
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	2 % 1 %	20 ml/l 10 ml/l	5 min. 15 min.
Mycobactericidal with mechanical action (EN 14348, EN 16615)	3 %	30 ml/l	60 min.
Virucidal activity against enveloped viruses (EN 14476 incl. HBV, HCV, HIV)*	1 %	10 ml/l	5 min.
Limited spectrum of virucidal activity (EN 14476)	2 %	20 ml/l	60 min.
Adenovirus (EN 14476)	1.5 %	15 ml/l	30 min.
Norovirus (EN 14476, MNV)	3 % 2 %	30 ml/l 20 ml/l	15 min. 60 min.
Rotavirus (EN 14476)	1 %	10 ml/l	5 min.
Polyomavirus SV40 (EN 14476) clean conditions	1 %	10 ml/l	5 min.
Polyomavirus SV40 (EN 14476) dirty conditions	2 %	20 ml/l	5 min.
BVDV (DVV/RKI)	0.5 % 0.25 %	5 ml/l 2.5 ml/l	5 min. 30 min.

* According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.

Surface cleaning & disinfection
Aldehyde-free concentrates

Hexaquart® pure

Properties

- For all areas in hospitals, medical practices and medical baths
- Applicable in foot spray systems (bath areas)
- Usable for cleaning and disinfection of protective masks and disinfection of shoes and socks
- Also suitable in food sector (e.g. hospital or restaurant kitchen)
- Effective against: Bacteria, yeasts, Enveloped viruses (incl. HBV, HCV, HIV) and Polyomavirus
- Aldehyde-free
- Perfume-free
- Dermatologically tested
- Compatible with B. Braun wipes dispenser system
- Listing: VAH[1)], IHO[2)]

Application instructions

Disinfectant concentrate for use on medical devices, for the prevention of hospital cross-infections in all hospital areas and medical practices.

Hexaquart pure can be used as impregnating liquid with the B. Braun wipes dispenser system. The solution can remain in the dispenser system for up to 4 weeks.
The minimum product concentration is 1.0 %.

Note

The preparation of working solutions with demineralized water can lead to turbidity of the diluted solution. This does not affect the efficacy of the working solution.

Product size	Ref.
1000 ml bottle	19942, 180028
5 L canister	19943, 180029

Physico-chemical data

Concentrate	
Appearance	colorless – yellowish liquid
pH-value	approx. 9
Rel. density (20 °C)	approx. 1 g / ml

Hexaquart® pure – composition:

100 g solution contains:
10 g Didecyldimethyl-ammonium chloride, 10 g C12-16-Alkylbenzyldimethyl-ammonium chloride
Excipients: < 5 % nonionic surfactants, complexing agent, solvent

1) VAH = Association for Applied Hygiene
2) IHO = German Association of Hygiene and Surface Protection Industries

Customer information

The following information must be available in advertising, product information, publications, internet sites:
Carefully use biocidal products. Always read the label and product information before use. Use diluted at ambient temperature (min 20 °C) under clean and dirty conditions.

Spectrum of activity Use under clean or dirty conditions at ambient temperature (min. 20°C)	Concentrations & exposure time		
Bactericidal, yeasticidal with mechanical action (EN 13727, EN 13624, EN 16615)	1 % 0.5 %	10 ml/l 5 ml/l	5 min. 15 min.
Bactericidal, yeasticidal without mechanical action (EN 13697)*	0.5 %	5 ml/l	15 min.
Virucidal activity against enveloped viruses (EN 14476 incl. HBV, HCV, HIV)**	1 % 0.5 %	10 ml/l 5 ml/l	5 min. 30 min.
Polyomavirus SV40 (EN 14476) clean conditions	2 %	20 ml/l	5 min.
Polyomavirus SV40 (EN 14476) dirty conditions	3 % 2 %	30 ml/l 20 ml/l	5 min. 15 min.
Norovirus without mechanical action (EN 16777, MNV)	2 %	20 ml/l	60 min.
Disinfection of shoes and socks (EN 13697*, T. mentagrophytes)	3 %	30 ml/l	15 min.
Treatment of surfaces in medical bathes and swimming pools (EN 16615)	2 % 0.5 %	20 ml/l 5 ml/l	5 min. 15 min.
Fungicidal against T. mentagrophytes*** with mechanical action (EN 16615)	2 % 1 %	20 ml/l 10 ml/l	1 min. 5 min.
Hygienic wash (EN1499)	1 %	10 ml/l	1 min.

* The modified test conditions correspond to the requirements of EN 17387.
** According to recommendation of RKI, Bundesgesundheitsbl. 03-2017.
*** Trichophyton interdigitale (new name).

Decentralized automatic dosing unit

Melseptomat® G

Features

- Single button operation
- Extremely robust stainless steel housing (1.5 mm steel sheet) with vandal-proof operating keyboard
- The operating status and the "empty" and "defect" warn-ings are indicated with the green-red ring light (LED) integrated in the operator button
- Removable, autoclavable mixing bowl
- Selectable dosage using key switch
- Dosage pre-selection settings: 0.2 %, 0.5 %, 1 %, 1.5 %, 2 %, 4 %
- Release amount of the ready-to-use diluted solution, selectable between 1 and 50 liters. The dosing process can always be meter interrupted by pressing the operator button.
- Calibrate dosing without opening the device
- Positive dosing error: Max. + 6.5 %
- Sensor-monitorization of the entire dosing process
- Automatic shut-off in case of lack of concentrate or water or due to concentrate flow interruption

Product use

At the touch of a button, Melseptomat G produces an accurate dosage of ready-to-use disinfection or cleaning solution made of concentrate and tap water. Moreover, the dosing process is monitored by sensors. Applicable in all areas of hospitals, food processing or industry where precise dosing is required.

Unit of sale

Melseptomat G, Decentralized automatic dosing unit, Calibration set for Melseptomat G

Product size	Ref.
Decentralized dosing device	3908420
Calibration set for Melseptomat® G	3908419

Technical specifications

Release amount	max. 400 L / hour
Amount pre-selection	1 – 50 L
Minimum release amount	1 liter
Dosage pre-selection	0.25 – 0.5 – 1 – 1.5 – 2 – 4 %
Positive dosing error	max. + 6.5 %
Water connection	1/2" outside threading
Water inlet pressure	0.5 bar – 6 bar
Power supply	through the power-cube transformer Primary voltage: 90-264V, ~50-60 Hz; Secondary voltage: 24 VDC; 1A
Power	max. 24 VA
Dimensions (Width x Height x Depth)	375 mm × 370 mm × 150 mm
Suction lance	with connection to a 5-liter can with VS DIN 50 threads
Outlet hose	max. length 1 meter

CE

Compliant with RKI guideline[1]

1) Specifications on design, properties and operation of decentralized disinfectant dosing units – guidelines from the Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing), of the Robert Koch Institute (RKI) and the Kommission für Krankenhaushygiene und Infektionsprävention (The Commission for Hospital Hygiene and Infectious Disease Prevention)
Infection control guideline for cleaning and disinfecting surfaces – recommendations made by the Federal Institute for Materials Research and Testing at the Robert Koch Institute (RKI)

Dosing table

Amount of ready-to-use solution	Concentration of the ready-to-use solution								
	0.25 %	0.5 %	1 %	1.5 %	2 %	2.5 %	3 %	4 %	5 %
1 liter	2.5 ml	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
2 liters	5 ml	10 ml	20 ml	30 ml	40 ml	50 ml	60 ml	80 ml	100 ml
3 liters	7.5 ml	15 ml	30 ml	45 ml	60 ml	75 ml	90 ml	120 ml	150 ml
4 liters	10 ml	20 ml	40 ml	60 ml	80 ml	100 ml	120 ml	160 ml	200 ml
5 liters	12.5 ml	25 ml	50 ml	75 ml	100 ml	125 ml	150 ml	200 ml	250 ml
6 liters	15 ml	30 ml	60 ml	90 ml	120 ml	150 ml	180 ml	240 ml	300 ml
7 liters	17.5 ml	35 ml	70 ml	105 ml	140 ml	175 ml	210 ml	280 ml	350 ml
8 liters	20 ml	40 ml	80 ml	120 ml	160 ml	200 ml	240 ml	320 ml	400 ml
9 liters	22.5 ml	45 ml	90 ml	135 ml	180 ml	225 ml	270 ml	360 ml	450 ml
10 liters	25 ml	50 ml	100 ml	150 ml	200 ml	250 ml	300 ml	400 ml	500 ml
	Concentrate amount necessary for the ready-to-use solution								

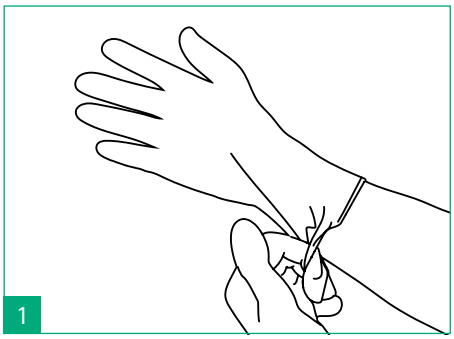
B. Braun disinfectants
Overview

Product	Intended use					Spectrum					
	Surface disinfection (biocide)	Surface cleaning	Surface disinfection of non-invasive medical devices	Large surfaces/areas	Small surfaces/fast acting	Bacteria incl. multi drug resistant MO's (MRSA, VRE, ESBL)	Yeasts (levurocidal)	Fungi	Specific fungi (trichophyton mentagrophytes)	Tuberculosis bacteria	
Meliseptol® Foam pure	•	•	•		•	•	•	•		•	
Meliseptol® Wipes sensitive	•	•	•		•	•	•	•		•	
Meliseptol® pure	•		•		•	•	•			•	
Meliseptol® rapid	•		•		•	•	•	•		•	
Meliseptol® HBV Tissues	•		•		•	•	•	•		•	
Meliseptol® acute	•		•		•	•	•	•		•	
Meliseptol® Wipes ultra	•	•	•			•	•				
Softa® Cloth CHX 2 %		•	•		•	•	•				
Hexaquart® XL	•	•	•	•	•	•	•			•	
Hexaquart® pure	•	•	•	•	•	•	•		•		

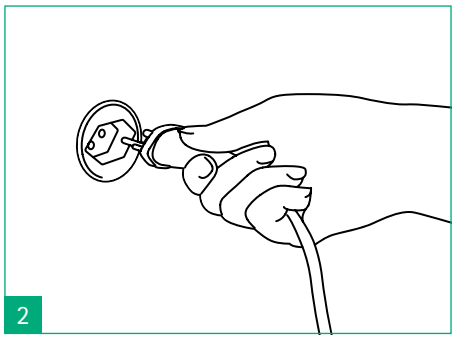
1) According to RKI recommendations, Federal Health Gazette 03-2017

	Spectrum					Disinfecting agent					Application		
	Mycobacteria	Activity against enveloped viruses (incl. HBV, HCV, HIV)[1]	Limited spectrum of virucidal activity (incl. Adeno-, Noro- & Rotavirus)	Full virucidal activity (enveloped & non-enveloped viruses)	Spores	Alcohol	Chlorhexidine	Aldehyde	Quarternary ammonium compounds	Alkylamine	Ready-to-use	pH of ready-to-use solution	Concentrate for dilution
		•				•			•		•	7	
		•				•			•		•	7	
	•	•		•		•					•	7	
		•	•	•		•			•		•	7	
		•	•	•		•			•		•	7	
	•	•	•	•		•					•	2-3	
		•	•	•	•				•			11	
						•	•				•	6.5	
	•	•	•						•	•		9	•
		•							•			11 – 12	•

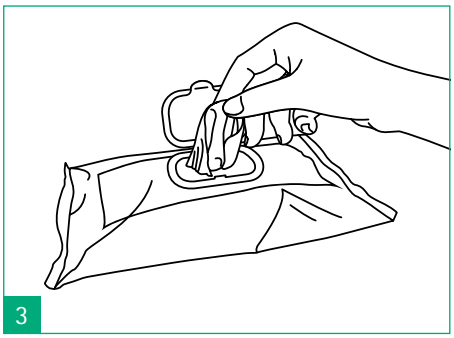
Cleaning & disinfection of medical devices



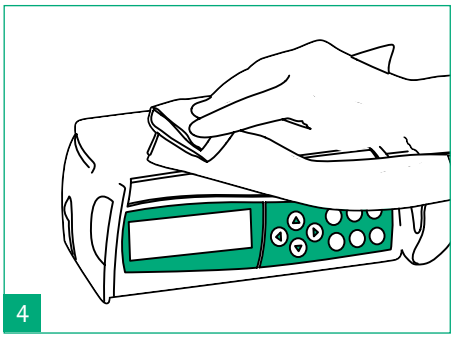
Perform hand hygiene with an alcohol-based hand rub or by washing with soap and water. Wear gloves.



Switch off electrical devices and disconnect the electrical plug. Let hot surface areas cool down before disinfection.



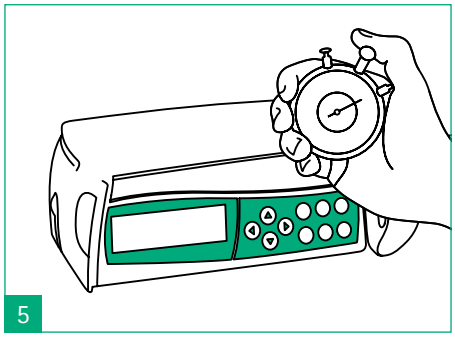
Spray disinfectant (e.g. Meliseptol Foam pure) onto a disposable paper tissue. Do not spray into device openings. Alternatively use an already soaked tissue e.g. Meliseptol Wipes sensitive.



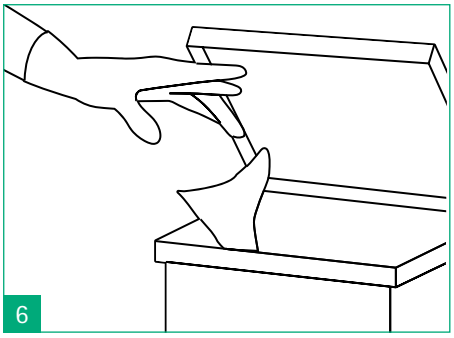
In cases of visible contamination, the procedure must be carried out in two steps:

a) Remove all visible contaminants prior to the disinfection by using Meliseptol Wipes sensitive. Discard this tissue.

b) Take a new Meliseptol Wipes sensitive and carry out the disinfection in the normal manner. Discard the tissue after use.

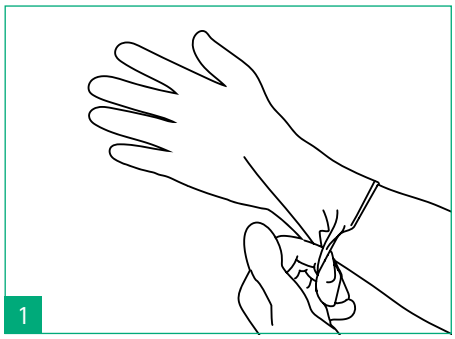


Wipe the visible clean surface to the point that it is completely wet. Keep the surface wet until the exposure time has elapsed. Allow the surfaces to dry completely. Do not wipe the surface dry.

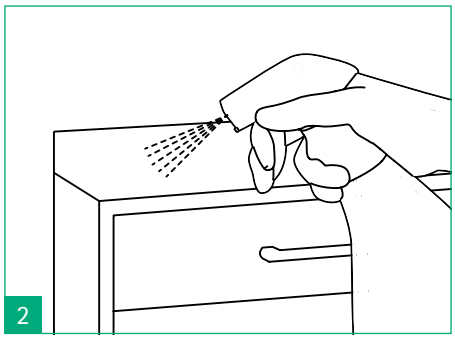


Remove gloves. Then perform hand hygiene with an alcohol-based hand rub or by washing with soap and water.

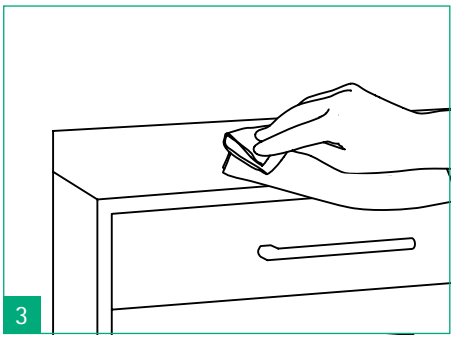
Cleaning & disinfection of small areas



Perform hand hygiene with an alcohol-based hand rub or by washing with soap and water. Wear gloves.



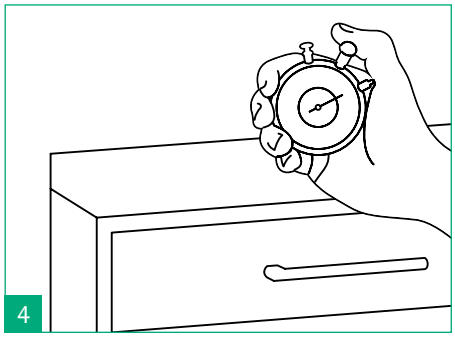
Spray disinfectant (e.g. Meliseptol Foam pure) onto the areas to be cleaned and disinfected. Alternatively use an already soaked tissue e.g. Meliseptol Wipes sensitive.



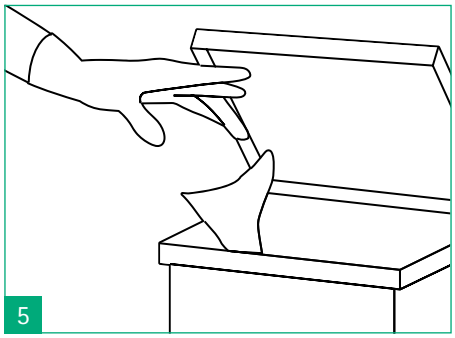
In cases of visible contamination, the procedure must be carried out in two steps:

a) Remove all visible contaminants prior to the disinfection by using a tissue soaked with disinfectant. Discard tissue.

b) Take a new tissue soaked with disinfectant and carry out the disinfection in the normal manner. Discard the tissue after use.



Wipe the visible clean surface to the point that it is completely wet. Keep the surface wet until the exposure time has elapsed. Allow the surfaces to dry completely. Do not wipe the surface dry.



Remove gloves. Then perform hand hygiene with an alcohol based hand rub or by washing with soap and water.

Best practice

Spray disinfection
The use of alcohol-based spray disinfectants for surface disinfection always gives rise to discussions. The following statements about this topic may be found:

Disinfectants are designed to kill microorganisms. If applied inappropriately, they may irritate or even sensitize living human cells. Small drops are spread into the air when spraying alcohol-based surface disinfectants. These can be inhaled or may settle on the skin.

In addition to the potential health hazard, the spray application of the disinfectant is also likely to produce only an incomplete soaking of the surfaces if no wiping is done afterwards. On the other hand, spraying can displace dust particles. Dust can carry pathogens and cause an infection, e.g. in a wound.

According to the Robert Koch Institute, the spray disinfection is not completely forbidden, but you have to minimize it as much as possible "...hence to restrict it exclusively to surfaces that are not reachable for a wipe disinfection".*

A detailed statement about this topic was published by the Disinfectants Commission of the Applied Hygiene Group (VAH [German abbreviation]), Questions and Answers to Actions Concerning the Antiseptic and Chemical Disinfection, November 2007). This examined pros and cons and determined that:

"Small surfaces, that are often hardly accessible, are frequently underestimated as significant infection sources. In these cases, spray disinfection, correctly used, lends itself as a sensible replacement or complement of wipe disinfection."

Correct use of spray disinfection should be in line with the following principles:

- The spray should not be used where it is possible to wipe.
- As a general rule, only small surfaces should be disinfected using spray disinfectants.
- It is recommended to spray as close as possible to the surfaces.
- After spraying, the surfaces must be wiped to distribute the disinfectant solution completely. Do not wipe dry!
- Only spray in well ventilated rooms.

Based on the B. Braun product portfolio, the following options are available for quick alcohol-based disinfection without spraying:

- Meliseptol Wipes sensitive, Meliseptol HBV Tissues, 250-ml and 1000-ml bottles Meliseptol rapid and 1000-ml bottles of Meliseptol, 5 liter canister of Meliseptol and Meliseptol rapid with dosing pump, B. Braun Wipes to be filled with (also alcohol-based) surface disinfectants.

- Meliseptol Foam pure in the 750-ml foam spray bottle or in the 5 liter canister for refilling and the ready-to-use Meliseptol Wipes sensitive.

* Recommendation of the Robert Koch Institute "Hygiene Requirement for Surface Cleaning and Disinfection" January 2004

Aldehyde-free disinfection

What do we have to take into consideration when switching from aldehyde-based surface disinfectants to aldehyde-free?
Modern surface disinfectants such as Hexaquart pure and Hexaquart XL are characterized by a broad efficacy spectrum. Today they are applied in risk areas such as operation rooms and intensive care units. Aldehyde-free surface disinfectants are increasingly preferred due to their pleasant smell.

What do we have to take into consideration when applying aldehyde-free surface disinfectants?
The active ingredients of aldehyde-free surface disinfectants are non-volatile and remain on the surface after drying. If such residues are not picked up at the next wipe disinfection, then the amount of residues that remain on the surfaces will increase with every application: The residues accumulate on these surfaces.

Due to this, in some cases, the following phenomena may occur: The floors may become dull, slushy, sticky, or even slippery, depending on the frequency of application and the used application concentration of the disinfectant, on the wiping technique, and above all on the condition (history) of the floors.

Problem: Dripping alcohol-based quick disinfectants or other instrument disinfectants, which contain aldehydes as active ingredients, leave behind yellowish to red-brown stains on the floors.

Cause: Chemical reaction between alkylamines and aldehydes

Solution: Using aldehyde-free substances, such as for example Meliseptol Foam pure, Meliseptol rapid, or Stabimed and Helipur respectively, or using an alkylamine-free surface disinfectant such as Hexaquart forte.

Application technique
Avoiding problems / Eliminating problems

Problem: Dull, slushy, sticky, or even slippery floors
Cause: QAC build up on surfaces.

Solution:
1. Periodic removal of residues with warm water
As required (depending on the concentration and frequency of applications of the disinfectant), cleaning intervals should be established and the surfaces should be washed with warm water, in order to remove the disinfectant residues. This is the easiest action, which is successful in most cases.

2. Frequent basic cleaning
Instead of an annual basic cleaning to be carried out, a basic cleaning may be required every 4 to 6 months. Basic cleaning should be performed by specialists.

B. Braun SurfaceCheck UV

Environmental cleaning is a fundamental principle of infection prevention in healthcare settings. Contaminated hospital surfaces play an important role in the transmission of dangerous pathogens, including antibiotic-resistant organisms. Therefore besides the 5 Moments, appropriate disinfection of surfaces and equipment which patients and healthcare personnel touch is necessary to reduce exposure.

Clinical and environmental services staff are faced with distinct challenges as pathogens are capable of surviving for prolonged periods of time on surfaces and may be transmitted to new room occupants following discharge of colonized or infected patients. Effective strategies must therefore be put in place to assess the effectiveness of environmental cleaning and disinfection in healthcare settings in order to reduce healthcare associated infections (HAIs).

Product	Ref.
B. Braun SurfaceCheck UV Includes Refilable marker, UV light, Pipette for filling	3908476
Fluo-Add 100 ml	180127

Improving compliance

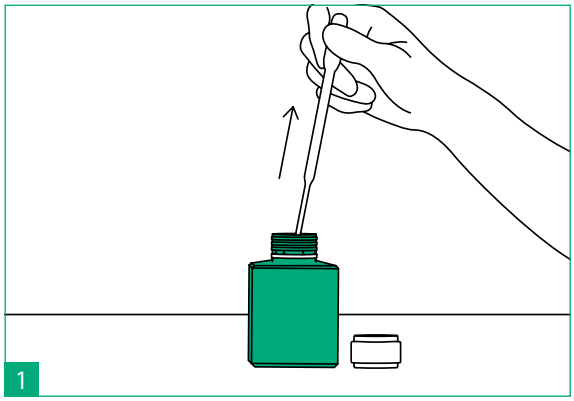
In response to growing concern that room surfaces may still be inadequately disinfected following patient discharge, effective compliance measures need to be put into place.

Visual inspection is the simplest method for evaluating cleanliness but only gives a superficial impression whether a surface has been adequately cleaned or not. Another technique is the use of invisible fluorescent markers placed on high-touch room surfaces before cleaning with UV light inspection following cleaning. This approach provides immediate, direct feedback to environmental services personnel.

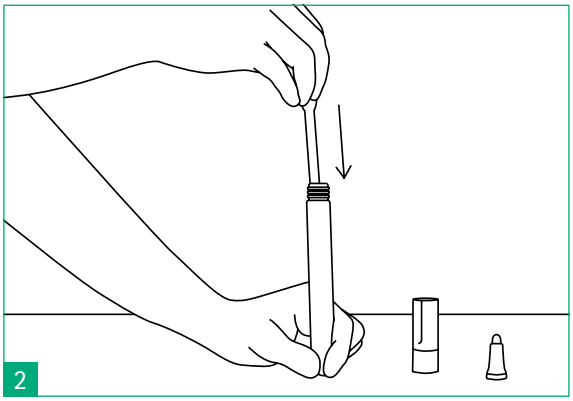
B. Braun offers an easy to use and reliable system for working with an individual marking system that puts the date, time and signature on a surface or a number from the compliance sheet. This facilitates the preparation and follow-up of the surface cleaning compliance check. The marker can be refilled with Fluo-Add (fluorescent solution can also be added to hand disinfectant for hand hygiene technique trainings).

Source: https://effectivehealthcare.ahrq.gov/topics/healthcare-infections/research-protocol Accessed (18 Jan 2018)

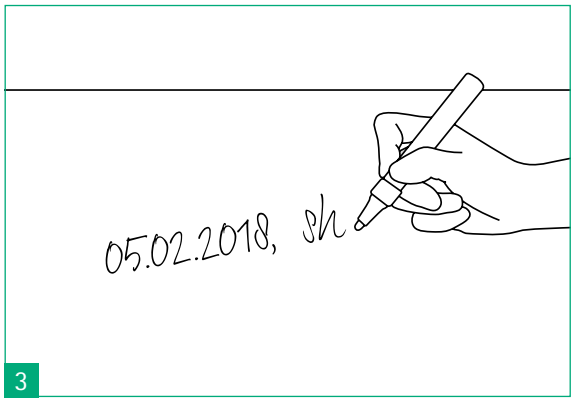
Instructions for Surface Check UV



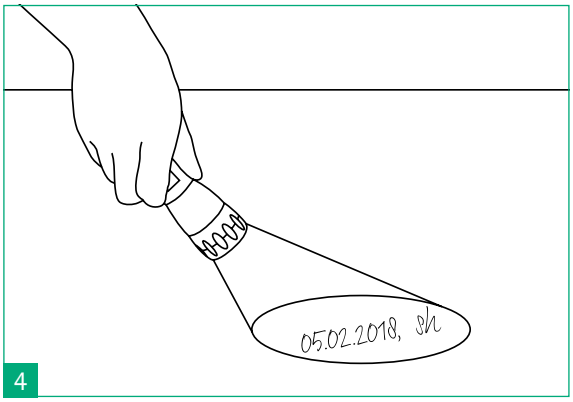
Use pipette to fill up Fluo-Add solution.



Open marker and fill solution in marker



Mark surface with date or compliance number



Check with UV-light if the surface was disinfected

Notes

B. Braun Infection Prevention

B. Braun infection prevention products and services are effectively contributing to the prevention and management of infections in healthcare settings all over the world. B. Braun products for protective wear, hand and skin hygiene, cleaning and disinfection of surfaces and instruments are helping to protect healthcare workers and patients against infectious diseases and to minimize the spread of pathogens.

Learn more about our infection prevention portfolio at **www.bbraun.com/infection-prevention**

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