B BRAUN
SHARING EXPERTISE

SURFACE DISINFECTION

SURFACES

CLEANING AND DISINFECTION OF SURFACES, INVENTORY AND MEDICAL DEVICES

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, surgical theatres) 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, faeces, 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 e.g. 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 the 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 exposure time has fully elapsed before re-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 ... quick and gentle

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 TbB 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

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 area
- Listing: the DGHM/VAH list and the IHO virucide list
- Applicable as impregnating liquid with the 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

To preserve the value of your high tech equipment, e.g.

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

Spectrum of activity	Test Norms	Exposure Time
Surface disinfection Bacteria, yeasts (C. albicans), enveloped viruses (incl. HBV, HCV, HIV, Vaccinia virus, BVDV) and Rotavirus	DGHM/VAH 2001 EN 1040, EN 1275, EN 1276, D V V/RKI*	Clean cond.: 1 min. (Dirty cond.: 2 min.)
Fungi *(A. brasiliensis)*	EN 13624	60 min.
Mycobacteria (M. terrae)	EN 14348 EN 14563	3 min. 1 min.
Avian Influenza-A-virus	D V V/RKI*	15 sec.
Rotavirus	D V V/RKI*	1 min.
Norovirus (MNV)	EN 14476	5 min.
Polyomavirus SV40	D V V/RKI*	5 min.

Expert reports are available upon request

*acc. recommendation of RKI, Bundesgesundheitsbl. 01-2004, 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.

PRODUCT SIZE	REF
750 ml Foam spray bottle	19796, 19797, 19864
5 l canister	19288, 19289

For all sensitive surfaces

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	ca. 7
Density (20 °C)	ca. 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, Labelling 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 ...preserve the value of your HIGH-TECH equipment

PROPERTIES

- EN 16615 (4-field test) approved
- Broad activity spectrum incl. Norovirus
- Varity 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 now available in re-closable flow-packs. The stacking of the wipes is optimized for a hygienically single hand removal and avoids a blocking of the closure. Therefore the risk of contamination and drying out of the wipes is minimized. The correct closure is granted by clicking into place the safe-lock cover. The new 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 wear 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's 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.

PRODUCT SIZE		SIZE	REF
60 pcs	dispenser box	15.2 cm x 20 cm	19582, 19867
60 pcs	refill pack	15.2 cm x 20 cm	19530, 19868
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

Spectrum of activity	Test Norms	Exposure Time
Bacteria & yeasts (listed in the 5 min column of the VAH list) dirty conditions	DGHM/VAH* EN 13697*	1 min.
4-field test (Bacteria & yeasts) clean conditions	EN 16615	2 min.
Food related bacteria (S. enterica) dirty conditions	EN 13697*	1 min.
Mycobacteria (M. terrae) clean conditions	EN 14563*	1 min.
Fungi (A. brasiliensis) clean conditions	EN 14562*	60 min.
Enveloped viruses (incl. HBV, HCV, HIV) dirty conditions	DVV/RKI*/** EN 14476*	1 min.
Avian Influenza-A-virus dirty conditions	DVV/RKI*/** EN 14476*	15 sec.
Rotavirus clean conditions	DVV/RKI*/**	1 min.
Polyomavirus SV40 dirty conditions	DVV/RKI*/**	5 min.
Norovirus (MNV) clean conditions	DVV/RKI*/** EN 14476*	5 min.

* data for the impregnating solution
** acc. recommendation of RKI, Bundesgesundheitsbl. 01-2004, DVV/RKI suspension test

Best practice for sensitive surfaces

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, Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants, Labelling 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® New Formula / Meliseptol® pure ...making good things even better

PROPERTIES

- NEW - available as perfume free version e.g. for use in food sector
- Optimized cleaning performance, even on shining metallic surfaces
- Without additional antimicrobial ingredient (as aldehydes, QAC)
- Fresh & pleasant smell
- 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 wear gloves before use.
- Follow Occupational Safety and Health Standards handling with flammable and combustible liquids.
- 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® New Formula / 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® New Formula / Meliseptol® pure.
  - Second the disinfection is then carried out as described above.

PRODUCT SIZE	REF
250 ml spray bottle	19763
250 ml round bottle	19762
250 ml round bottle Meliseptol® pure	19926
1000 ml spray bottle without spray head	19764
1000 ml bottle	19761
1000 ml bottle Meliseptol® pure	19927
5 l canister	19758

Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C, g/cm3)	ca. 0.93 g/ml
Flash point (DIN 51 755)	+ 23 °C

Spectrum of activity	Test Norms	Exposure Time
Bactericidal / Levurocical	EN 13697 EN 13727 EN 13624	1 min.
Mycobactericidal Tuberculocidal	EN 14348	1 min. 1 min.
Viruses (enveloped) (incl. HBV, HCV, HIV, vaccinia virus, BVDV)	DVV / RKI*	30 sec.
Viruses (non enveloped)		
▪ Rotavirus	EN 14476	30 sec.
▪ Adenovirus	EN 14476	30 sec.
▪ Norovirus (MNV)	EN 14476	30 sec.

Expert reports are available upon request

*acc. recommendation of RKI, Bundesgesundheitsbl. 01-2004, DVV/RKI suspension test

COMPATIBLE WITH THE B. BRAUN WIPES DISPENSER SYSTEM

Meliseptol® New Formula / 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.

NEW – available perfume-free

Meliseptol® New Formula / Meliseptol® pure – composition:

100 g solution contains: Ethanol 44.0 g, Excipients < 5 % surfactants, perfume (only for Meliseptol® New Formula), purified water, Ingredients in accordance with the Regulations on Detergents EC 648/2004: < 5 % non-ionic surfactants, Labelling 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 ...highly effective, fast-acting

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 non-enveloped viruses[1] (including Norovirus)
- Exposure time only 1 minute (according to DGHM[2]/VAH[3] incl. enveloped viruses[1])
- Exposure time non-enveloped viruses[1]: 10 minutes

1) acc. recommendation of RKI, Bundesgesaundheitsbl. 01-2004, DW/RKI suspension test
2) DGHM – German Society for Hygiene and Microbiology
3) VAH – Association for Applied Hygiene

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 it 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 seperately.

Spectrum of activity	Test Norms	Exposure Time
Surface disinfection Bacteria, yeasts (C. albicans) and enveloped viruses (incl. HBV, HCV, HIV, Vaccinia virus, BVDV)	DGHM/VAH 09/2001 (corr. EN 13727, EN 13624, EN 13697) EN 1040, EN 1275, EN 1276, D V V/RKI*	1 min.
4-Field-Test (Bacteria & yeast)	EN 16615	1 min.
Mycobacteria (TbB)	DGHM 09/2001 (corr. EN 14348)	30 sec.
Fungi (A. brasiliensis)	EN 14562	15 min.
Non-enveloped viruses	D V V / RKI* carrier test	10 min.
Avian Influenza A	D V V/RKI*	15 sec.
HBV (DHBV)	D V V/RKI*	15 sec.
Rotavirus	D V V/RKI*	1 min.
Adenovirus	EN 14476	30 sec.
Polyomavirus	D V V/RKI*	5 min.
Poliovirus	Surface carrier test	10 min.
Norovirus (FCV)	D V V/RKI*	2 min.
Norovirus (MNV)	EN 14476	1 min.

Expert reports are available upon request

* acc. recommendation of RKI, Bundesgesundheitsbl. 01-2004, DVV/ RKI suspension test

PRODUCT SIZE	REF
250 ml spray bottle	18564, 19047
250 ml round bottle	18566
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)	ca. 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, Labelling 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 ...practical and quick

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 wear 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 enclosed table.

DISINFECTION WIPES – QUICK AND ECONOMIC

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

Spectrum of activity	Test Norms	Exposure Time
Surface disinfection Bacteria, yeasts (C. albicans) and enveloped viruses (incl. HBV, HCV, HIV, Vaccinia virus, BVDV)	DGHM/VAH 09/2001 (corr. EN 13727, EN 13624, EN 13697) EN 1040, EN 1275, EN 1276, D V V/RKI*	1 min.
4-field test (Bacteria & yeasts)	EN 16615	2 min.
Mycobacteria (TbB)	DGHM 09/2001 (corr. EN 14348)	30 sec.
Fungi (A. brasiliensis)	EN 14562	15 min.
Non-enveloped viruses	D V V / RKI* carrier test	10 min.
Avian Influenza A	D V V/RKI*	15 sec.
HBV (DHBV)	D V V/RKI*	15 sec.
Rotavirus	D V V/RKI*	1 min.
Adenovirus	EN 14476	30 sec.
Polyomavirus	D V V/RKI*	5 min.
Poliovirus	Surface carrier test	10 min.
Norovirus (FCV)	D V V/RKI*	2 min.
Norovirus (MNV)	EN 14476	1 min.

Expert reports are available upon request

* acc. recommendation of RKI, Bundesgesundheitsbl. 01-2004, DVV/ RKI suspension test

PRODUCT SIZE	REF
Dispenser box with 100 wipes	18706, 19096
Refilling pack with 100 wipes	18707, 19097

EN 16615 approved

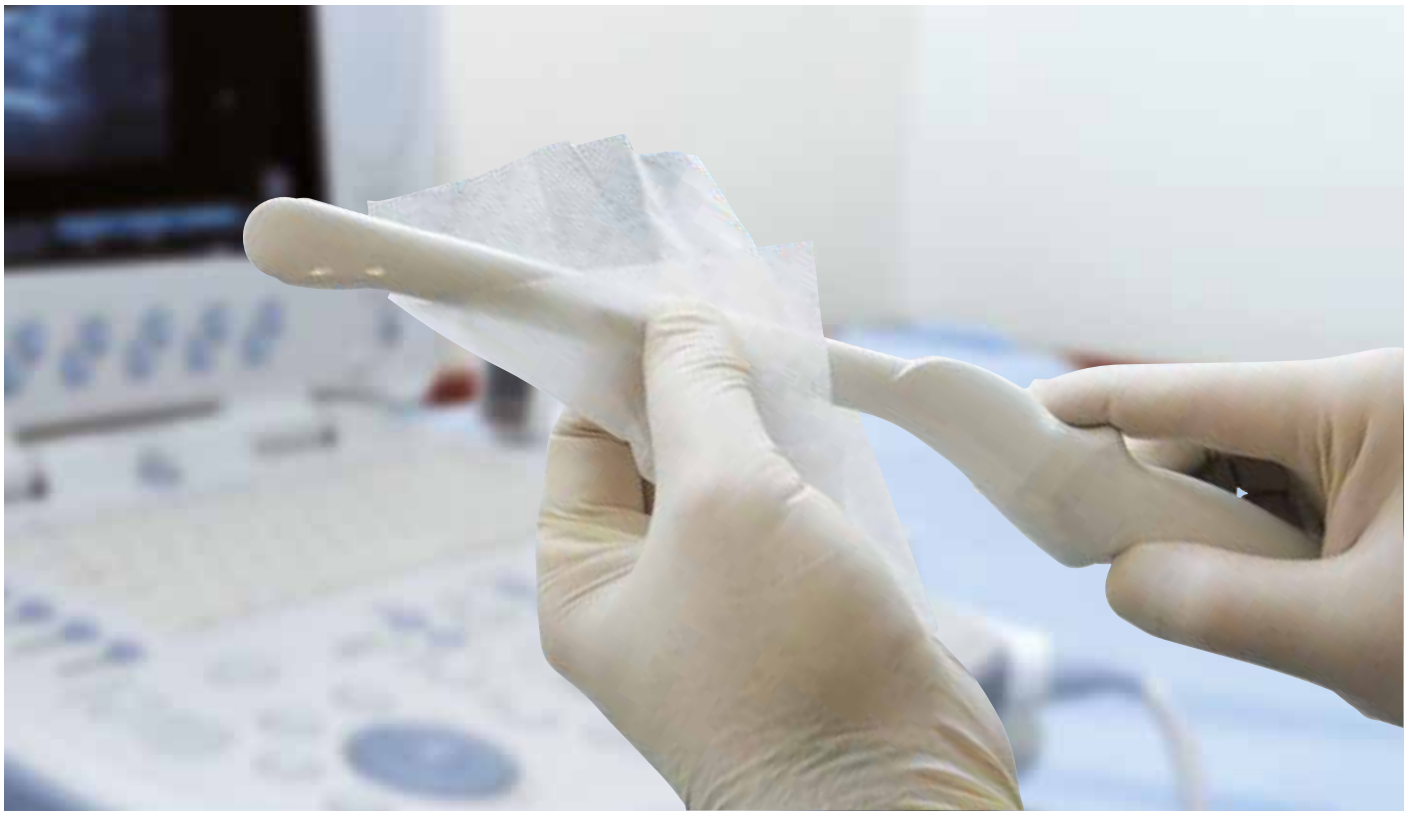
Physico-chemical data ready-to-use solution

Appearance	clear, colorless liquid
pH-value	approx. 7
Density (20 °C)	ca. 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. Labelling of dangerous goods: see material safety data sheet (MSDS) Cautions: Use disinfectants safely. Always read the label and the product information before use.

DISINFECTION OF MEDICAL DEVICES
ALCOHOL FREE WIPES



Meliseptol® Wipes ultra ...great all-round performance and safe to use

PROPERTIES
- Virucidal & sporicidal (difficile)
- 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 are both virucidal and sporicidal, which makes them suitable for final disinfection of the surfaces of semi-critical medical devices.

APPLICATION INSTRUCTIONS

Perform hand disinfection and wear 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 enclosed 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 the product brochure.

Spectrum of activity	Test Norms	Exposure Time
Bactericidal & Levurocidal dirty condition*	DGHM 2001 incl. VAH** list	2 min.
Bactericidal & Levurocidal dirty condition*	EN 16615	
Virucidal incl. all enveloped and non-enveloped viruses	DVV/RKI incl. IHO virucide list EN 14476	
Active against Vaccinia- (MVA), Adeno- & Norovirus (MNV)	prEN 16777	
Sporicidal (C. difficile) clean condition	EN 13704	

* in accordance with DGHM 2001 as per Exner et Gebel 2007, Hyg Med 32/4: 128-9
** listed in the 5 minute column of the VAH list

PRODUCT SIZE	REF
Dispenser box with 100 wipes	19810

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, Labelling 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
CLOTH FOR INTRAVENOUS CONNECTIONS

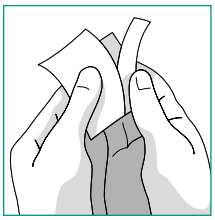
Softa® Cloth CHX 2 % ...risk prevention in infusion therapy

PROPERTIES

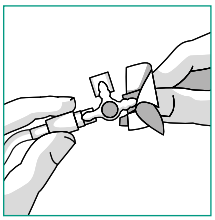
- Single-use alcohol cloth with 2 % CHX
- Compatible with Discofix® C, CareSite™ Luer Access Device and Safeflow capless valve for safe and covenient access in infusion therapy

APPLICATION INSTRUCTIONS

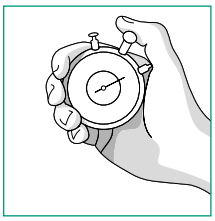
Softa® Cloth CHX 2 % are single-use alcohol cloth with 2 % CHX for the cleansing and disinfection of medical devices and especially for intravenous connections. The cloth are compatible with Discofix® C, CareSite™ Luer Access Device and Safeflow capless valve for safe and convenient access in infusion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



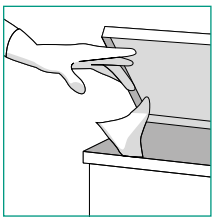
Wear gloves and take out the cloth from the sachet



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



Let the surface dry for another 10 seconds. 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 cloth	19581

EXPOSURE TIMES

Spectrum of activity	Test Norms	Exposure Time
E. hirae, S. aureus, E. coli, P. aeruginosa clean and dirty conditions	EN 13727	15 sec.
C. albicans clean and dirty conditions	EN 13624	15 sec.

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 uniform cloth pre-moistened with liquid, free from foreign matter

Convenient & ready-to-use

Softa® Cloth CHX 2 % – composition:
Delivers a minimum of: 70 % v/v Isopropyl Alcohol, 2 % w/v Chlorhexidine gluconate. Labelling 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 ...flexible and practical to use

PROPERTIES

B. Braun Wipes/Wipes mini

- Tissues of high quality (65 g/m²)
- High tensile strenght by 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.

APPLICATION INSTRUCTIONS

Additional information for the filling and reprocessing of the B. Braun wipes dispenser system can be downloaded from the BKC product centre.

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

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.

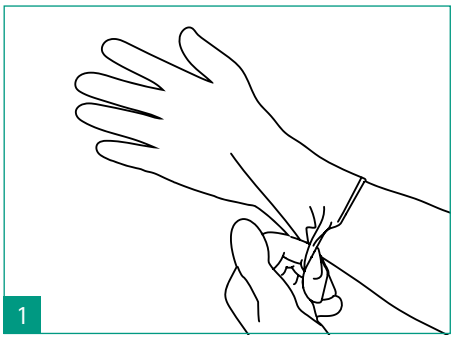
Compatible with the following B. Braun disinfectants	Minimum concentration	Exposure Time
Hexaquart® forte	0.5 %	60 min.
Hexaquart® plus	0.5 %	60 min.
Hexaquart® plus lemon fresh	0.5 %	60 min.
Melsept® SF*	1.0 %	60 min.
Meliseptol® rapid	conc.	1 min.
Meliseptol® Foam pure	conc.	1 min.
Meliseptol® New Formula	conc.	1 min.
Ethanol 70 % denat.	conc.	5 min.
Ethanol 80 % denat.	conc.	5 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.

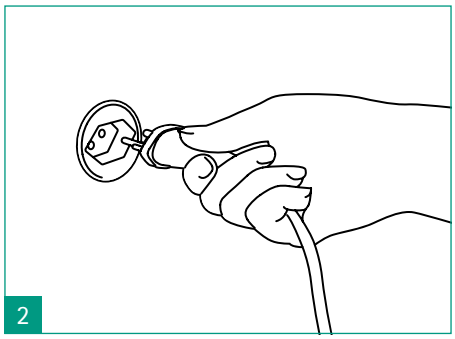
The cleaning and disinfecting products must be compatible with the B. Braun Wipes Dispenser System as well as with the B. Braun Wipes Fleece rolls. If other than the tested B. Braun products are used, then verify the compatibility with the manufacturer of the cleaning and disinfecting product.

Save-lock cap with audible click

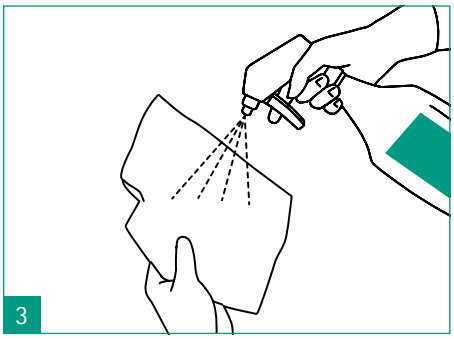
CLEANING & DISINFECTION OF MEDICAL DEVICES



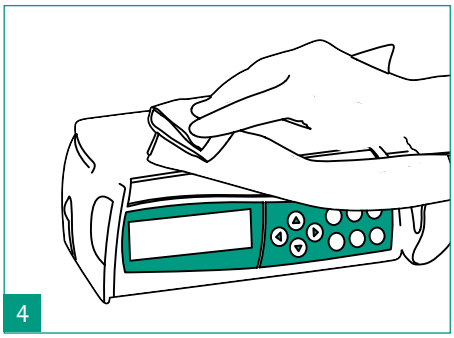
Perform hand hygiene with an alcohol based hand rub or by washing with soap and water. Wear gloves.



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



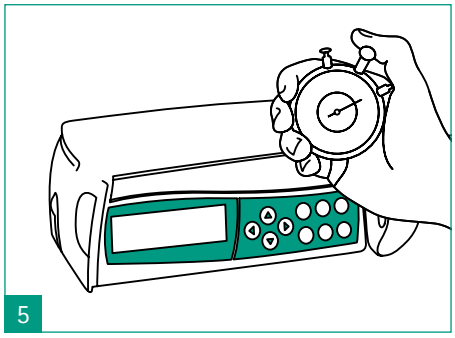
Spray disinfectant (e.g. Meliseptol® Foam pure) onto a disposable paper tissue.
Do not spray into device openings.
Alternatively use a already soaked tissue e.g. Meliseptol® Wipes sensitive.



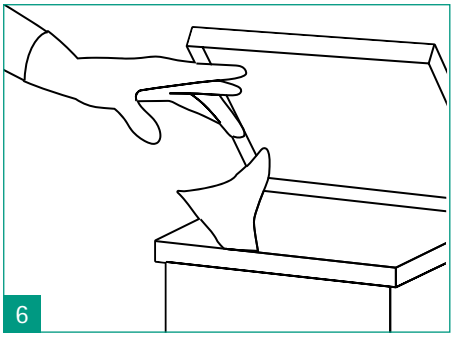
In cases of visible contamination, the procedure must be carried out in two steps:

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

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

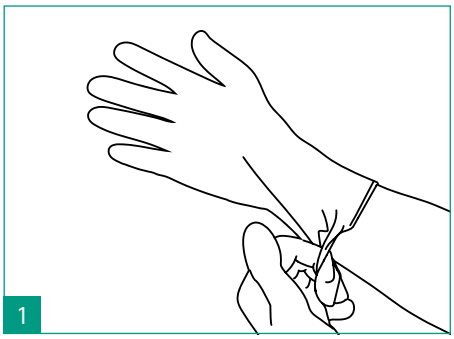


Wipe the visible clean surface to the point that it is completely wet. Keep the surface wet until the exposure time has elapsed. Allow the surfaces to dry completely. Do not wipe the surface dry.

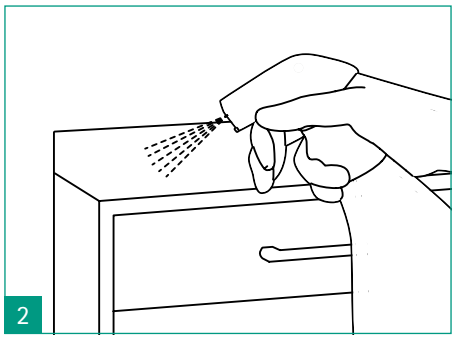


Remove gloves. Then perform hand hygiene with an alcohol based hand rub or by washing with soap and water.

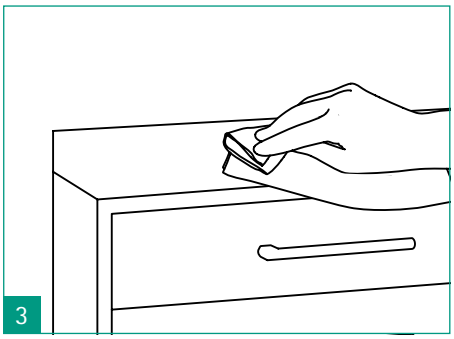
CLEANING & DISINFECTION OF SMALL AREAS



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



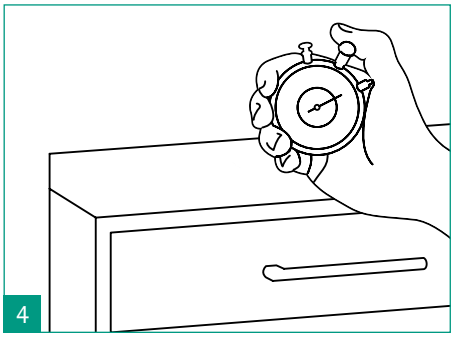
Spray disinfectant (e.g. Meliseptol® Foam pure) onto the areas to be cleaned and disinfected. Alternatively use a already soaked tissue e.g. Meliseptol® Wipes sensitive.



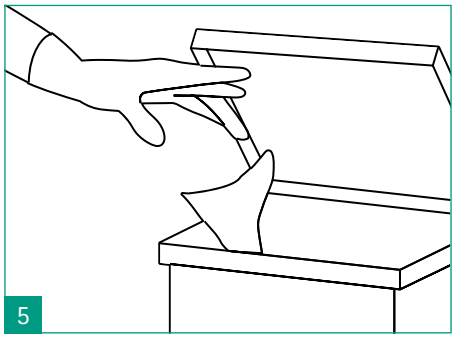
In cases of visible contamination, the procedure must be carried out in two steps:

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

b) Take a new tissues 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 swirls off dust. Dust can carrying pathogens and cause an infection e.g. in a wound.

THE CORRECT USE SHALL 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!
- Use in well ventilated rooms, only.

According to the Robert Koch Institute, the spray disinfection is not completely forbidden, but you have to minimise it as much as possible «...hence to restrict it exclusively to surfaces that are not reachable for a wipe disinfection» (Recommendation of the Robert Koch Institute «Hygiene Requirement for Surface Cleaning and Disinfection» January 2004).

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, among others, 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.»

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 litre 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 litre canister for refilling and the ready-to-use Meliseptol® Wipes sensitive.

For alcohol-free quick disinfection, Hexaquart® forte may be used e.g. 2 % – 5 min.

ALDEHYDE-FREE

What do we have to take into consideration when switching from aldehyde-based surface disinfectants to aldehyde-free?
Modern surface disinfectants such as Hexaquart® plus and Hexaquart® forte are characterised 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 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

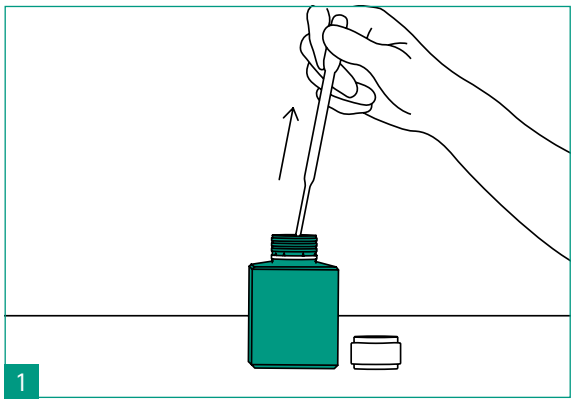
With growing concern that room surfaces may still be inadequately disinfected following patient discharge compliance measures need to be put in place.

Visual inspection is the simplest method for evaluating cleanliness, but gives only hints if a surface was 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.

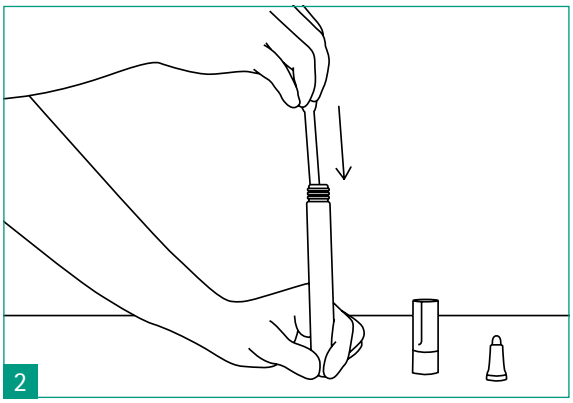
B. Braun offers an easy to use and reliable system that allows to work with an individual marking system: put the date, time and signature on a surface or a number from the compliance sheet. This eases the preparation and follow-up of the surface cleaning compliance check. The marker can be refilled 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)

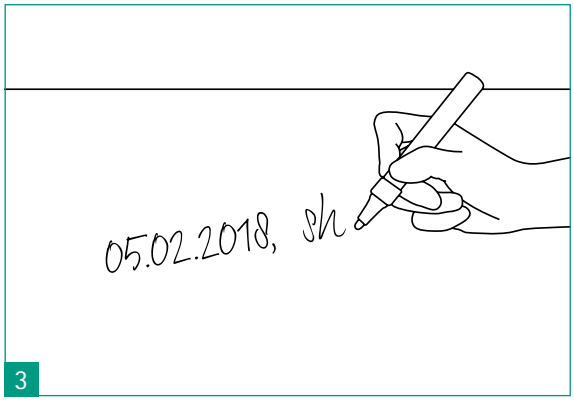
INSTRUCTION



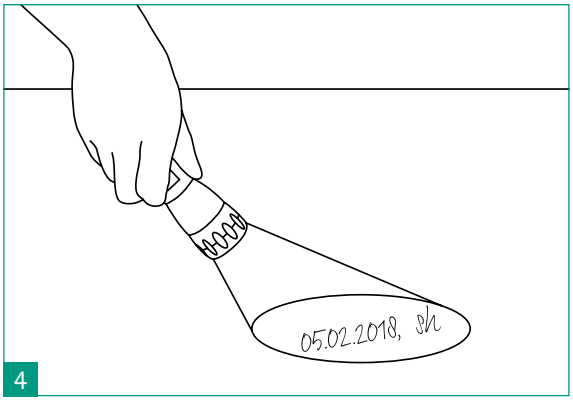
Use pipette to fill up Fluo-Add solution



Open marker and fill solution in marker



Mark surface with date or compliance number



Check with UV-light if the surface was disinfected

SURFACE CLEANING & DISINFECTION
ALDEHYDE-FREE CONCENTRATES

Hexaquart® XL ...broad efficacy spectrum including TbB

PROPERTIES
- Aldehyd-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 (max. 25 °C). 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.

PRODUCT SIZE	REF
1000 ml bottle	19940 WEST, 180026 CENT
5 l canister	19941 WEST, 180027 CENT

Physico-chemical data

Concentrate	
Appearance	orange to yellow
pH-value	ca. 11-12
Rel. density (20 °C)	ca. 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 Institut; 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.

CONCENTRATIONS AND EXPOSURE TIMES

Efficacy	Test Norms	1 min	5 min	15 min	30 min	60 min
Bacteria & Yeasts	EN 16615		2.0 %	1.0 %		
Mycobacteria	EN 16615					3.0 %
Bacteria	EN 13727	3.0 %	2.0 %	1.0 %	0.5 %	
Yeasts (C. albicans)	EN 13624	2.0 %	0.5 %			
TbB (M. terrae)	EN 14348			2.0 %		1.0 %
Enveloped viruses (incl. HBV, HCV, HIV)	EN 14476		1.0 %			0.5 %
Adenovirus	EN 14476				1.5 %	
Norovirus (murine)	EN 14476			3.0 %		2.0 %
Rotavirus	DVV[3] / RKI[4]		1.0 %			
Conclusion to the Activity against Viruses according to EN14476						
Virucidal activity against enveloped viruses			1.0 %			0.5 %
Limited spectrum of virucidal activity						2.0 %
Virucidal			not determined			

Expert reports are available on request

SURFACE CLEANING & DISINFECTION
ALDEHYDE-FREE CONCENTRATES

Hexaquart® pure ...for all areas, effective within 5 minutes

PROPERTIES
- For all areas in hospitals, medical practices and medical bathes
- 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..

COMPATIBILITY

Applicable on: 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.

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 WEST, 180028 CENT
5 l canister	19943 WEST, 180029 CENT

Physico-chemical data

Concentrate	
Appearance	colorless – yellowish liquid
pH-value	ca. 9
Rel. density (20 °C)	ca. 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.

CONCENTRATIONS AND EXPOSURE TIMES

Efficacy	Test Norms	1 min	5 min	15 min	30 min	60 min
Bacteria, Yeasts & T. mentagrophytes	EN 16615		1.0 %	0.5 %		
Bacteria	EN 13727		1.0 %	0.5 %		
Yeasts (C. albicans)	EN 13624		0.5 %			
Hygienic hand wash	EN 1499	1.0 %				
Enveloped viruses (incl. HBV, HCV, HIV)	EN 14476		1.0 %		0.5 %	
Norovirus Polyomavirus Clean condition Dirty condition	EN 14476 EN 14476		 2.0 % 3.0 %	 2.0 %		2.0 %
Disinfection of shoes and socks	EN 13697			3.0 %		
Surface disinfection without mechanic (contaminated with fungi)	EN 13697			3.0 %		
Treatment of surfaces in medical bathes and swimming pools	EN 16615		2.0 %	1.0 %		
Conclusion to the Activity against Viruses according to EN14476						
Virucidal activity against enveloped viruses			1.0 %		0.5 %	
Limited spectrum of virucidal activity			not determined			
Virucidal			not determined			

Expert reports are available on request

SURFACE CLEANING & DISINFECTION FOR ALL MEDICAL RISK AREAS

Melsept® SF ...formaldehyde-free with broad efficacy spectrum

PROPERTIES

- Broad efficacy spectrum due to aldehydes
- Formaldehyde-free
- Low application concentration
- Good cleaning action
- Pleasant smell
- Also suitable for food areas
- Suitable for disinfecting dental impression materials
- Listed in: DGHM[1],VAH[2]

APPLICATION INSTRUCTIONS

Always add the measured amount of concentrate to water (max. 25 °C). Never vice versa! The dosage may be determined using measuring cups, dosing pumps, as well as decentralised mixing devices (i.e. Melseptomat® G). Adequately wipe the surfaces, and let them dry without wiping.

COMPATIBILITY

Applicable on: metal, plastic, and usual floor materials such as PVC, rubber, and linoleum.
Melsept® SF can be used as impregnating liquid with the B. Braun Wipes Dispenser System. 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.

CONCENTRATIONS AND EXPOSURE TIMES

Efficacy	Test Norms	5 min	15 min	30 min	1 h	2 h
Surface disinfection Bacteria, yeasts (C. albicans)	DGHM/VAH 09/2001 EN 13697 EN 13624		1.0% 10 ml/l	0.5% 5 ml/l	0.25% 2.5 ml/l	
Enveloped viruses (incl. HBV, HCV, HIV, Vaccinia virus, BVDV)	D V V/ RKI *		0.25% 2.5 ml/l			
Non-enveloped viruses	D V V/RKI*					2.0% 20 ml/l
Adenovirus	EN 14476	0.5% 5 ml/l				
Polio	EN 14476			4.0% 40 ml/l		2.0% 20 ml/l
Polyomavirus SV40	D V V/ RKI*		1.0% 10 ml/l	0.5% 5 ml/l		
Rotavirus	D V V/ RKI*	0.25% 2.5 ml/l				
Norovirus (MNV) Low organic load	EN 14476	1.0% 10 ml/l		0.5% 5 ml/l		
Norovirus (MNV) High organic load	EN 14476			1.0% 10 ml/l		
In-vitro-tests	**Test Norms**	**5 min**	**30 min**	**1 h**	**4 h**	**6 h**
C. difficile	DGHM 9 EN 13704					6.0% 60 ml/l
A. brasiliensis	AFNOR EN 1275			5% 50 ml/l		
On untreated wood: T. mentagrophytes	DGHM 1981			2.0% 20 ml/l	1.5% 15 ml/l	
TbB (M. tuberculosis)	DGHM 1981		3.0% 30 ml/l	2.0% 20 ml/l	1% 15 ml/l	

Expert reports are available on request

* acc. Recommendation of RKI, Bundesgesundheitsbl. 01-2004

PRODUCT SIZE	REF
1000 ml bottle	18906, 19077
5 l canister	18907, 19078

Physico-chemical data

Concentrate	
Appearance	clear, blue liquid
pH-value	ca. 10-11
Rel. density (20 °C)	1.01 g/cm

Virucidal

Melsept® SF – composition:

100 g solution contains: 7.5 g Didecyldimethylammonium chloride, 4.5 g Glutaral, 3.2 g Glyoxal. Excipients 5–15 %: non-ionic surfactants; < 5 %: aliphatic alcohol, perfume, corrosion inhibitor, colorant. Ingredients in accordance with the Regulations on Detergents EC 648/2004: Non-ionic surfactants: 5 - 15 %; Perfume < 5 % Ingredients subject to the labelling obligation according to SCCS: Limonene, Hexyl cinnamal, Citral, Citronellol Labelling of dangerous goods: see material safety data sheet (MSDS) Cautions: Use disinfectants safely. Always read the label and the product information before use. Incompatible with amines.

Melsitt® ... highly effective in low concentration

PROPERTIES

- Aldehyde-based concentrate for the cleaning and disinfection of floors, inventory, as well as laundry and bedpans
- Good cleaning action and pleasant smell
- Very good material compatibility
- Effective against bacteria (including MRSA and TbB) and fungi. Virucidal
- Listed in: DGHM[1],VAH[2] and Robert Koch Institute[3]

APPLICATION INSTRUCTIONS

Always add the measured amount of concentrate to water (max. 25 °C). Never vice versa! The dosage may be determined using measuring cups, dosing pumps, as well as decentralised mixing devices (i.e. Melseptomat® G). Wipe the areas sufficiently, and let them dry without wiping. Laundry items may be disinfected by soaking them in the solution. Melsitt® at 0.5 % can be used in automatic chemo-thermal bed pan washers.

CONCENTRATIONS AND EXPOSURE TIMES

Efficacy	Test Norms	15 min	30 min	1 h	2 h	4 h
Surface disinfection Bacteria, yeasts (C. albicans)	DGHM/VAH 09/2001 EN 13697 EN 13624	1.0 % 10 ml/l		0.5 % 5 ml/l		0.25 % 2.5 ml/l
Enveloped viruses (incl. HBV, HCV, HIV, Vaccinia virus, BVDV)	D V V/ RKI *	0.25 % 2.5 ml/l				
Non enveloped viruses					2 % 20 ml/l	
Adenovirus	D V V/ RKI*	0.25 % 2.5 ml/l				
Polio High organic load:	D V V/ RKI*				2.0 % 20 ml/l	
Polyomavirus SV40 Low organic load:	D V V/ RKI*	0.5 % 5 ml/l				
Polyomavirus SV40 High organic load:	D V V/ RKI*	1.0 % 10 ml/l		0.5 % 5 ml/l		
Rotavirus	D V V/ RKI*		2.0 % 20 ml/l	0.5 % 5 ml/l		
In-vitro-tests	**Test Norms**	**15 min**	**30 min**	**1 h**	**2 h**	**4 h**
TbB (mycobacterium tuberculosis)	DGHM 1977			1.5 % 15 ml/l		
TbB (M. terrae)	DGHM/VAH 09/2001 EN 14348			6.0 % 60 ml/l		3.0 % 30 ml/l
Raw wood (T. mentagrophytes) high organic load :	EN 13624			2.5 % 25 ml/l		1.5 % 15 ml/l
A. Brasiliensis	EN 13697			3.0 % 30 ml/l		

Expert reports are available on request

* acc. Recommendation of RKI, Bundesgesundheitsbl. 01-2004

PRODUCT SIZE	REF
1000 ml bottle	18897
5 l canister	18898

RKI-listed

Physico-chemical data

Concentrate	
Apperance	clear blue liquid
pH-value	ca. 3.5
Rel. density (20 °C)	ca. 1 g/ml

Melsitt® – composition:

100 g solution contains: Active ingredients: 6.0 g Didecyldimethylammonium chloride, 4.2 g Formaldehyde, 3.0 g Glutaral. Excipients: 5 – 15 % nonionic surfactants; < 5 %: aliphatic alcohol, phosphonates, perfume, corrosion inhibitor, colorant. Ingredients in accordance with the Regulations on Detergents EC 648/2004: Non-ionic surfactants: 5 - 15 %; Perfume < 5 % Ingredients subject to the labelling obligation according to SCCS: Limonene, Hexyl cinnamal, Citral Labeling of dangerous goods: see material safety data sheet (MSDS) Cautions: Use disinfectants safely. Always read the label and the product information before use. Incompatible with amines.

1) DGHM (German abbreviation) for: German Association of Hygiene and Microbiology 2) VAH (Germ. abbr.): Association of Applied Hygiene 3) RKI - Robert Koch Institute

DECENTRALIZED AUTOMATIC DOSING UNIT

Melseptomat® G ...with the key to success

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» warnings 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 litres. The dosing process can be always 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 respectively or due to concentrate flow interruption

APPLICATION INSTRUCTIONS

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
Decentralised dosing device	3908420
Calibration set for Melseptomat® G	3908419

YouTube Watch Melseptomat® G installation, calibration, operation on www.youtube.com. Just browse for «Melseptomat® G»

TECHNICAL SPECIFICATIONS

Release amount	max. 400 l / hour
Amount pre-selection	1 – 50 l
Minimum release amount	1 litre
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-litre can with VS DIN 50 threads
Outlet hose	max. length 1 metre

Compliant with RKI guideline[1]

[1] "Anforderungen an Gestaltung, Eigenschaften und Betrieb von dezentralen Desinfektionsmittel-Dosiergeräten." Richtlinie der Bundesanstalt für Materialforschung und -prüfung, des Robert Koch-Institutes und der Kommission für Krankenhaushygiene und Infektionsprävention. Bundesgesundheitsbl - Gesundheitsforsch - Gesundheitsschutz 2004 · 47:67–72.

DOSING TABLE

AMOUNT OF THE 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 litre	2.5 ml	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
2 litres	5 ml	10 ml	20 ml	30 ml	40 ml	50 ml	60 ml	80 ml	100 ml
3 litres	7.5 ml	15 ml	30 ml	45 ml	60 ml	75 ml	90 ml	120 ml	150 ml
4 litres	10 ml	20 ml	40 ml	60 ml	80 ml	100 ml	120 ml	160 ml	200 ml
5 litres	12.5 ml	25 ml	50 ml	75 ml	100 ml	125 ml	150 ml	200 ml	250 ml
6 litres	15 ml	30 ml	60 ml	90 ml	120 ml	150 ml	180 ml	240 ml	300 ml
7 litres	17.5 ml	35 ml	70 ml	105 ml	140 ml	175 ml	210 ml	280 ml	350 ml
8 litres	20 ml	40 ml	80 ml	120 ml	160 ml	200 ml	240 ml	320 ml	400 ml
9 litres	22.5 ml	45 ml	90 ml	135 ml	180 ml	225 ml	270 ml	360 ml	450 ml
10 litres	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

	INTENDED USE					SPECTRUM						
PRODUCT	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	Mycobacteria	Activity against enveloped Viruses (incl. HBV, HCV, HIV)[1]
Meliseptol® Foam pure	•	•	•		•	•	•	•		•		•
Meliseptol® Wipes sensitive	•	•	•		•	•	•	•		•		•
Meliseptol® New Formula	•		•		•	•	•			•	•	•
Meliseptol® rapid	•		•		•	•	•	•		•		•
Meliseptol® HBV Tissues	•		•		•	•	•	•		•		•
Meliseptol® Wipes ultra	•	•	•			•	•					•
Softa® Cloth CHX 2 %		•	•		•	•	•					
Hexaquart® XL	•	•	•	•	•	•	•			•	•	•
Hexaquart® pure	•	•	•	•	•	•	•		•			•
Melsept® SF	•	•	•	•		•	•	•	•	•		•
Melsitt®	•	•	•	•		•	•	•	•	•		•

1) According to RKI recommendations, Federal Health Gazette 01-2004
2) DGHM: German Society for Hygiene and Microbiology
3) VAH: Association for Applied Hygiene

			DISINFECTING AGENT					APPLICATION		
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	
•	•	•				•			11	
			•	•				•	6.5	
•						•	•		9	•
						•			11 – 12	•
•	•	•			•	•			5	•
•	•				•	•			4.5	•

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. Protective wear, hand and skin hygiene, cleaning and disinfection of surfaces and instruments are helping to protect health care workers and patients against all kinds of infectious deseases and to minimize spreading of pathogens.

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

Private Organizations for Patient Safety
Hand Hygiene

This international brochure contains information which is targeted to a wide range of audiences and could contain product details or information otherwise not accessible or valid in your country.

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