

Korsolex[®] extra

Manual Disinfection of Instruments



Aldehyde-based disinfectant for heat-sensitive and heat-resistant instruments.

Korsolex[®] extra

Product properties

- virucidal
- extremely user-friendly
- excellent material compatibility
- pleasant smell
- economical application concentrations
- suitable in combination with chemothermal treatment

Korsolex[®] extra is a unique synergistic system of aldehydes and quaternary ammonium compounds that are perfectly adapted to each other. The modern instrument disinfectant for heat-sensitive and heat-resistant instruments combines a virucidal effect with a number of advantages for the user, e.g. economical use-concentrations and a pleasant smell. Korsorex[®] extra has a high material compatibility with a range of materials, e.g. glass, ceramic, stainless steel, non-ferrous metals, aluminium, plastic, hard plastic, silicone, rubber, hard rubber, Plexiglas[®], Makrolon[®], latex and porcelain.

Composition

Active ingredients in 100 g:
 (Ethylenedioxy)dimethanol 15.3 g, glutaral 7.5 g, benzyl-C12-18-alkyldimethylammoniumchlorides 1.0 g, didecyl-dimethylammoniumchlorides 1.0 g.
 Other ingredients: Surfactants, solvents, corrosion inhibitors, foam inhibitors, colourants, fragrances.

Microbiological activities

Bactericidal, yeasticidal, fungicidal, tuberculocidal, mycobactericidal, virucidal against enveloped viruses (incl. HBV, HIV, HCV), virucidal (incl. HAV).
 Also effective against antibiotic-resistant germs and *Helicobacter pylori* when used in the concentrations recommended by the VAH (German Association for Applied Hygiene).

Spectrum of effect

The broad microbiological spectrum of effect of Korsorex[®] extra fulfils the recommendations of the Robert Koch-Institute (RKI), the German Association for the Control of Virus Diseases (DVV) and the German Association for Applied Hygiene (VAH, former DGHM) and has been confirmed in several reports.

■ Virucidal effectiveness

The effectiveness of disinfectants against viruses has been regulated with the classifications "virucidal against enveloped viruses" and "virucidal". "Virucidal against enveloped viruses" indicates an effectiveness against all enveloped viruses, "virucidal" indicates effectiveness against enveloped viruses and the more difficult to inactivate non-enveloped viruses (for concentrations and exposure times, see table below).

■ HAV effectiveness

In addition to the obligatory test viruses that have to be used in order to claim a virucidal effect, Korsorex[®] extra was also tested for its effect against HAV (Hepatitis A). The testing was carried out in accordance with the DVV guidelines for testing chemical disinfectants for

effectiveness against viruses (for concentrations and exposure times, see table below).

Areas of application

Korsolex[®] extra is particularly suitable for areas that require a short contact time combined with a broad spectrum of effect and economical use-concentrations.

Korsolex[®] extra is suitable for all common manual and semi-automatic circulation procedures as well as for the fully automatic (cold disinfection) procedure. In addition, Korsorex[®] extra is compatible with Korsorex[®] Endo for the automatic chemothermal reprocessing.

Directions for use

■ Immersion bath procedure

Korsolex[®] extra is supplied as a concentrate and has to be applied according to the dosing recommendations and the prescribed exposure times (see dosing table). For staff protection purposes, dismantle or open all instruments as far as possible and immerse them in a cleaning solution (Bodedex[®] forte) directly after their use.

Make sure that all surfaces and openings of the instrument are completely covered with Korsorex[®] extra solution during the subsequent disinfection. After disinfection, rinse and dry instruments thoroughly.

■ Circulation processes

Korsolex[®] extra is suitable for all common semi-automatic and fully automatic (cold disinfection) circulation processes. According to the RKI recommendations for the reprocessing of flexible endoscopes, a manual pre-cleaning prior to disinfection has also to be carried out with the circulation procedure. Use Bodedex[®] forte for pre-cleaning.

■ Chemothermal endoscope treatment

If endoscopes are reprocessed both, manually and automatically, Korsorex[®] extra can safely be used for the manual reprocessing. There are no incompatibilities with a chemo-thermal endoscope reprocessing with Korsorex[®] Endo.

■ Ultrasonic bath

Korsolex[®] extra can be used in all stainless steel ultrasonic baths. Make sure the sonication time in accordance with the instrument manufacturers' instructions is followed (normally 5 minutes) and the solution is not heated. For proper disinfection, adhere to the exposure times according to the VAH.

■ Standing time

Without the addition of a cleaning potentiator, the solution can be used for 7 days – even with high protein load.



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Dosage

Microorganisms	exposure time / concentration				
	5 min	15 min	30 min	1 h	2 h
Bactericidal/ Yeasticidal ¹⁾ – clean conditions		1.0 %	0.75 %	0.5 %	
Fungicidal ¹⁾ – clean conditions		4.0 %	3.0 %	2.0 %	
Tuberculocidal ¹⁾ – clean conditions		3.0 %	2.5 %	1.5 %	
Mycobactericidal ¹⁾ – clean conditions		4.0 %	2.5 %	1.5 %	
Virucidal against enveloped viruses (incl. HBV, HIV, HCV)	1.0 %				
Virucidal				4.0 %	3.0 %
Adenovirus	3.0 %	1.0 %			
HAV		4.0 %	2.5 %		
Papovavirus		3.0 %	2.0 %	1.0 %	
Rotavirus	1.0 %				

1) according to new standard methods

Listing

Certification/list issued by the German Association for Applied Hygiene (VAH).

CE labelling in accordance with the Medical Device Directive (MDD).

Chemical-physical data

Appearance	green / blue liquid
<u>Concentrate</u>	
pH-value	approx. 4
Density (20 °C)	approx. 1.04 g/cm ³
<u>2 % solution</u>	
pH-value	approx. 6
<u>3 % solution</u>	
pH-value	approx. 6

Presentation

500 ml bottle, 2 litre bottle, 5 litre canister.

Labelling of the concentrate: Xn Harmful. Contains: Glutaral. Flammable. Harmful by inhalation and if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by inhalation and skin contact. Do not breathe vapour/aerosol. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

The recommendations regarding our preparations are based on scientific tests and are given in good faith. More detailed recommendations, e.g. regarding material compatibility, are only possible in particular cases. Our recommendations are without obligation and do not constitute a warranty. They do not preclude a company's own testing for the intended purposes and processes. In this respect we cannot accept any liability. This complies with our general conditions of sale and supply.

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