

Bomix[®] plus

Aldehyde-free instrument disinfectant with excellent cleaning power.



Advantages at a glance

- excellent cleaning performance
- compatible with preparations based on other active ingredients
- high material compatibility
- pleasant smell
- low use concentrations ensure high level of efficiency

Application

Bomix plus is suitable for manual reprocessing of heat-sensitive and heat-resistant instruments in immersion baths and for the coarse and brush cleaning of endoscopes. One of the product's strengths is the excellent cleaning power combined with disinfecting action. Bomix plus is also suitable for flexible endoscopes heavily contaminated with protein.

Areas of application

The excellent cleaning results contribute to the particularly reliable and effective decontamination effect of the product. Surgical instruments heavily contaminated with proteins like blood are not a problem for Bomix plus.

As a result of its excellent material compatibility, Bomix plus can also be used for particularly sensitive instruments such as flexible endoscopes and material combinations with silicone and latex.

Directions for use

Open or dismantle instruments and equipment into individual components as far as possible. The instruments must be completely covered by Bomix plus solution; there must be no empty cavities or air bubbles. The contact times and use-concentrations must be adhered to. After removal, rinse the instrument for at least one minute – optimally under running water of at least drinking water quality. The solution is to be renewed daily. The solution is to be changed earlier, if it is clearly visible polluted. For valuable instruments demineralised water is recommended.

When switching from one product to another, an intermediate cleaning has to be carried out.

Use of Bomix plus with BODE X-Wipes

For pre-cleaning, directly after use, endoscopes are wiped with a cleaning solution.

According to the RKI, "the objective of cleaning endoscopes and additional endoscopic instrumentation is to remove organic matter and pharmaceutical drugs, thereby leaving as little residue as possible, because disinfection or sterilisation results can be adversely affected by residues.

The aim of the pre-cleaning is to prevent organic matter and chemical residues from drying in the channel system or on outer components of the endoscope, and prevent contamination of the environment." (RKI recommendation: "Hygiene Requirements for Reprocessing Flexible Endoscopes and Additional Endoscopic Instrumentation", Bundesgesundheitsblatt 2002, 45; 397ff).

An ideal solution for pre-cleaning endoscopes is using Bomix plus with wipes from the BODE X-Wipes fleece wipe dispenser.

When used correctly,

- there are enough saturated fleece wipes available at any time
- the wipes are soaked in an unchanging cleaner concentration
- one single wipe is enough per endoscope
- the cleaning solution is not contaminated by re-immersing cleaning wipes.

When filling the BODE X-Wipes dispenser with Bomix plus, please consider the following:

- For first-time use, remove the BODE X-Wipes dispenser from the cardboard box. Cover green label with the special label "Endoscope pre-cleaning".
- Remove one BODE X-Wipes roll from the foil (wear gloves to prevent contamination).
- Add 750 ml, 1.5 or 2.5 litres (depending on the size of the used fleece wipe roll) of 2 % Bomix plus solution. Use water of at least drinking water quality to prepare the solution. Fill in the label ("prepared on ...") and attach it to the dispenser.
- Install the roll in the dispensing system. Wait at least 10 minutes to ensure even saturation.
- After longer rest periods (e.g. over night), throw away the first fleece wipe.
- Tightly close the lid after use.
- After 28 days, throw away the rest of wipes and solution. Wipe the X-Wipes dispenser twice with a wipe saturated in a surface disinfectant (prior to re-filling – consider exposure time) and then let dry.



Please note:

Only suitable for pre-cleaning endoscopes! Not suitable for other uses.

To minimise the risk of contamination from the outside, please make sure the lid is closed and do not touch the wipes unnecessarily.

Using Bomix plus with X-Wipes does not replace proper reprocessing of endoscopes and additional instrumentation (see RKI recommendation "Hygiene Requirements for Reprocessing Flexible Endoscopes and Additional Endoscopic Instrumentation", Bundesgesundheitsblatt 2002, 45; 395-411)

Use disinfectants safely. Always read the label and product information before use.

Proven efficacy		Condition	1 min.	5 min.	15 min.	30 min.	1 h
Efficacy according to EN Phase 2 / Step 2 (practical tests)	Bactericidal (EN 14561)	dirty	–	2.0 %	0.5 %	0.25 %	–
	Yeasticidal (EN 14562)	dirty	–	0.5 %	0.25 %	0.1 %	–

Bacteria and fungi

Efficacy according to EN Phase 2 / Step 1 (suspension tests)	Bactericidal (EN 13727)	dirty	–	0.5 %	0.25 %	0.25 %	–
	Yeasticidal (EN 13624)	dirty	–	0.25 %	0.1 %	–	0.05 %

Viruses

Efficacy against viruses according to DVV (German Society for the Control of Viral Diseases)	active against enveloped viruses (incl. HBV, HIV, HCV)		–	1.0 %	0.5 %	–	–
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Microbiology

- bactericidal
- yeasticidal
- virucidal against enveloped viruses (incl. HBV, HIV, HCV)

Composition

100 g concentrate contains:
N,N-Didecyl-N-methyl-poly(oxyethyl)ammoniumpropionate 17.5 g

Compatibility

Always avoid contact between aldehyde-based and amine-based products. Hence, when switching from an amine-based to an aldehyde-based product or vice versa, carry out an intensive intermediate cleaning.

Related Products

- **Korsolex extra:** Aldehyde-based disinfectant for heat-sensitive and heat-resistant instruments with virucidal activity. Economic use concentrations. Excellent material compatibility.
- **Korsolex plus:** Aldehyde-free instrument disinfectant for heat-sensitive and heat-resistant instruments.
- **Korsolex PAA:** Ready-to-use disinfectant based on peracetic acid for flexible endoscopes and heat-sensitive instruments. Comprehensive efficacy.

Disinfecting cleaning of instruments



- 1 Anforderungen an die Hygiene bei der Aufbereitung von Medizinprodukten. Empfehlung der Kommission für Krankenhaushygiene und Infektionsprävention beim Robert Koch-Institut (RKI) und des Bundesinstitutes für Arzneimittel und Medizinprodukte (BfArM). Bundesgesundheitsbl 2012, 55:1244-1310
- 2 Instrumenten-Aufbereitung. Instrumente werterhaltend aufbereiten. 10. Auflage, 2012
- 3 Fünf Jahre Empfehlungen der Kommission für Krankenhaushygiene zur Aufbereitung flexibler Endoskope. Bundesgesundheitsbl. 51 (2008): 211-220.
- 4 Kampf G, Fliss PM, Martiny H. Is peracetic acid suitable for the cleaning step of reprocessing flexible endoscopes? World J Gastrointest Endosc 2014; 6 (9):390-406.
- 5 For example the aldehyde-free instrument disinfectant Bomix plus based on quaternary ammonium compounds.

Contaminated instruments and endoscopes put healthcare personnel at risk and should be introduced to the cleaning process as quick as possible. Using a cleaning disinfectant – active against bacteria, fungi and enveloped viruses, e.g. HBV, HIV and HCV – can reduce the risk of infection during wet disposal or manual pre-cleaning.

Combinations with aldehydes should not be used for pre-cleaning as they fix proteins (1, 2, 3). The same applies to products based on peracetic acid (PAA) (1). Because PAA has a limited blood cleaning effect. And has a substantial blood and nerve tissue fixation potential (4).

An alternative are products based on quaternary ammonium compounds, which are – provided that no aldehyde is added – compatible with all other active agents used in instrument disinfection today, independent of whether the instruments are reprocessed manually or automatically afterwards (5).





Product Presentation

Product	Content	Item no.	
Bomix® plus			
	2 l	on request	
	5 l	on request	

*Please note: that the availability of products in the Bomix range may vary in different countries and regions. Contact your local distribution partner for more information.
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 possible only in separate, individual cases. Our recommendations are not binding and do not constitute a guarantee. They do not preclude a company's own testing for the intended purpose and process. In this respect we cannot accept any liability. This is in accordance with our general conditions of sale and supply.*

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