Korsolex® med AF
Aldehyde-free disinfectant with powerful soil-dissolving effect for heat-resistant and -sensitive instruments. Economic use concentrations.
Advantages at a glance
• powerful soil-dissolving effect
• free from aldehyde, QAC, phenol and chlorine
• broad spectrum of effect
• can be used in ultrasonic baths
• particular pleasant smell

Application
Korsolex med AF is suitable for the disinfection of heat-sensitive and heat-resistant instruments and rigid endoscopes. Based on amines, the instrument disinfectant is characterised by a strong cleaning power, the ability to take high protein loads, and a pleasant smell. The addition of a cleaning potentiator is not necessary. Korsolex med AF is suitable for immersion bath procedures and all ultrasonic baths.

The instrument disinfectant is compatible to a multitude of materials, e.g. stainless steel, glass, ceramics, aluminium, ebonite, and hard plastic. Korsolex med AF is not suitable for instruments made of silicone, latex, or for fiberscopes, probe heads and tonometers.

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

Areas of application
For cleaning disinfection of instruments and equipment
• in operating theatres
• in outpatient departments
• on wards
• in diagnosis and treatment
• in laboratories and blood banks
• in medical practices

Directions for use
• Immersion bath procedure
Korsolex med AF is supplied as concentrate. Open or take instruments and devices apart as far as possible. Make sure the instruments are completely covered by Korsolex med AF solution without any hollows or bubbles.

• Ultrasonic bath
Korsolex med AF can be used in all stainless steel ultrasonic baths. Follow the sonication time stated in the instruments manufacturers’ instructions and make sure the solution is not heated. The exposure time has to be followed.

• Rinse phase
After disinfection, adequate rinsing shall be carried out. After removal of the medical devices out of the bath, rinse the instruments for at least one minute – optimally under running water of at least drinking water quality.

To protect the materials of high-quality instruments, it is advisable to use demineralized water. Is disinfection followed by a sterilisation process, for final rinsing also demineralized water is necessary.

Standing time of the used working solution
Korsolex med AF features an excellent cleaning power. The use-solution can be utilised for up to 5 days in case of low to high protein loads. This also applies for solutions, which are used in ultrasonic baths.

The solution is to be changed earlier, if it is clearly visible polluted. Korsolex med AF solutions have a standing time of maximal 4 weeks when stored in closed containers.
### Proven efficacy

| Efficacy according to EN Phase 2 / Step 2 (practical quantitative carrier tests) | Condition | Concentration by exposure time |
|---|---|---|---|---|---|---|---|---|---|
| Bactericidal (EN 14561) | dirty | 5 min | 15 min | 30 min | 1h | 2h | 4h |
| Yeasticidal (EN 14562) | dirty | 0.25 % | 0.1 % | –– | –– | –– | –– |
| Mycobactericidal activity (EN 14563) | dirty | 5.0 % | 1.5 % | 0.5 % | 0.25 % | –– | –– | –– |
| Efficacy against viruses acc. to DVV (German Society for the Control of Viral Diseases) | Virucidal against enveloped viruses (incl. HBV, HIV, HCV) | 1.5 % | 1.0 % | 0.75 % | –– | –– | –– |

### Bacteria and Fungi

| Efficacy according to EN Phase 2 / Step 1 (suspension tests) | Condition | Concentration by exposure time |
|---|---|---|---|---|---|---|---|---|---|
| Bactericidal activity (EN 13727) | dirty | 5 min | 15 min | 30 min | 1h | 2h | 4h |
| Yeasticidal activity (EN 13624) | dirty | 0.1 % | 0.1 % | –– | –– | –– | –– |
| Mycobactericidal activity (EN 14348) | dirty | 0.5 % | 0.5 % | 0.25 % | 0.25 % | –– | –– | –– |

### Viruses

| Efficacy against non-enveloped viruses acc. to EN | Condition | Concentration by exposure time |
|---|---|---|---|---|---|---|---|---|---|
| Adenovirus (EN 14476) | clean | –– | –– | –– | –– | 4.0 % | –– | –– | 4.0 % |
| | dirty | –– | –– | –– | –– | –– | –– | –– | 4.0 % |

### Microbiology
- bactericidal
- yeasticidal
- tuberculocidal
- mycobactericidal
- virucidal against enveloped viruses (incl. HBV, HIV, HCV)

### Composition
Active ingredients in 100 g:
- 15.6 g N-dodecylpropane-1,3-diamine
- 5.1 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

### 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 PAA**: Ready-to-use disinfectant based on peracetic acid for flexible endoscopes and heat-sensitive instruments. Comprehensive efficacy.
- **Bomix plus**: Aldehyde-free instrument disinfectant with excellent cleaning power.
## Product Presentation

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**Please note:** that the availability of products in the Korsolex 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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**Manufacturer**

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