Sekusept® aktiv

Active cleaning and highly effective disinfection for all kinds of instruments
Sekusept® aktiv

Sekusept® aktiv is the high performance total solution for active cleaning and disinfection of instruments and endoscopes.

**What we offer**
- Disinfection
  - Examined in accordance with the German Association for Hygiene and Microbiology
  - Registered for certification
  - Virus effectiveness against HBV, HIV and DW viruses (Adeno, Papova, Vakzinia and Polio)
  - Short contact time through high-performance formulation
  - Low concentration needed

**Recommended use**
- Manual reprocessing
  - Place instruments in Sekusept aktiv immediately after use. Ensure all instruments are entirely submerged, no cavities or bubbles must be present.
  - Remove objects from the solution following listed time of duration and application concentration.
  - Rinse with water of drinking quality or ideally distilled or demineralized water.

- Ultrasonic bath reprocessing
  - Sekusept aktiv is suitable for all stainless steel ultrasonic baths. Supersonic sounding is not to be exceeded in accordance to data from instrument manufacturers. For effective disinfection according to the German Association for Hygiene and Microbiology (DGHM), declared residence time (e.g. 15 min) has to be kept.
  - Sekusept aktiv is particularly well suited for pre-cleaning/disinfection of flexible endoscopes before chemothermal reprocessing.
  - There is no material incompatibility between Sekusept aktiv and machinery products.

**Your benefit**
- Standardised security for the user
- Officially guaranteed tests offer security in situations involving different risks of virus infection
- Fast circulation time of the instruments
- Economical

**Material compatibility**
- Universal suitability for all instruments, especially for flexible endoscopes and critical materials like silicone, polycarbonate, polysulfone and plexiglass
- Suitable for ultrasonic baths

**Cleaning**
- Maximum cleansing efficacy
  - Outstanding cleaning performance even on heavily soiled instruments
  - Time savings achieved through reduced brushing
  - Higher cleanliness
  - Outstanding optics of the instruments

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**Recommended use**
- For processing of endoscopes and instruments
  - Manual reprocessing
  - Place instruments in Sekusept aktiv immediately after use. Ensure all instruments are entirely submerged, no cavities or bubbles must be present.
  - Remove objects from the solution following listed time of duration and application concentration.
  - Rinse with water of drinking quality or ideally distilled or demineralized water.

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  - Sekusept aktiv is particularly well suited for pre-cleaning/disinfection of flexible endoscopes before chemothermal reprocessing.
  - There is no material incompatibility between Sekusept aktiv and machinery products.
Highly effective and aldehydefree

The highly effective Sekusept’aktiv guarantees a high level of profitability through low concentration needed. The aldehyde-free security concept connects best material compatibility with long-term maintenance of instruments’ value.

Cleaning

The cleaning of contaminated instruments is one of the most important requirements for effective disinfection. Heavy soilage such as blood, proteins, body secretions which can not be removed by cleaning or are fixed by the products used, can strongly reduce the success of disinfection. Contaminated instruments emanate high risk of infection. For safety of personnel the immediate disinfection of the instruments is necessary after use. Through high cleansing power and non-protein-fixating properties of Sekusept activ safe disinfection is achieved. The high level of cleaning requirements due to the construction of most instruments (esp. endoscopes and MIC-instruments) is entirely fulfilled by Sekusept activ.

Sekusept activ was developed with the aim of achieving the highest cleansing results possible. It’s outstanding cleansing power was proved by extensive laboratory and practical tests.

Disinfection

In completion with maximum depletion of infectious material by cleaning, the activity spectrum is also of major importance. Besides the bactericidal, tuberculocidal and fungicidal properties, virucidal efficacy becomes more and more important.

For the rating of atuicide, the polio-virus (the most resistant virus of German Virology Society) plays an extraordinary role. The innovative recipe of the totally soluble granulate offers an extremely effective activity system on the basis of active oxygen and peracetic acid. This leads to unique effectiveness combined with very short contact times.

Material compatibility

One more important requirement besides cleaning and disinfection is the material compatibility of the solution against the instruments that have to be treated. Instruments may consist of very different and complex materials. Therefore especially material compatible products have to be chosen for reprocessing.

Having regard to optimal cleansing and disinfection results with simultaneous material protection and conservation of the instruments value, Sekusept aktiv poses a unique possibility to embrace the diverse requirements of an instrument disinfectant.

Testable security

To check the cleaning efficacy, the stainless steel plates were spread with dried blood. These were immersed in different disinfection solutions with different residence times. There was no further mechanical cleaning support (see pictures).

Microbial and virological test results

<table>
<thead>
<tr>
<th>Instrument disinfection according to DGHM</th>
<th>concentration (%)</th>
<th>time required to take effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>also ultrasound bath</td>
<td>1,0</td>
<td>60 minutes</td>
</tr>
<tr>
<td></td>
<td>2,0</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Effective against:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- HBV, HIV</td>
<td>1,0</td>
<td>15 minutes</td>
</tr>
<tr>
<td>in DNA-polymerase testing</td>
<td>2,0</td>
<td>5 minutes</td>
</tr>
<tr>
<td>DVV-viruses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Adeno, Papova, Vaccinia, Polio</td>
<td>1,0</td>
<td>60 minutes</td>
</tr>
<tr>
<td></td>
<td>2,0</td>
<td>15 minutes</td>
</tr>
</tbody>
</table>
**Sekusept® aktiv**

Active cleaning instrument disinfection

Effectiveness against bacteria (incl. Tbc), fungi, DW-viruses, Hepatitis-B-viruses (HBV) and HIV

**Packaging form**

<table>
<thead>
<tr>
<th>6 Kg</th>
<th>1 x 6 Kg</th>
<th>SAX 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>plastic can</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dosage and application**

Use the enclosed measuring cup for the production of the solution (30 ml = 20 g)

2% solution with 20 g / l

1% solution with 20 g / 2 l

Dissolve the amount of powder. After stirring well for 15 minutes, the solution is ready to use. Place instruments and anaesthesia garniture in the solution. Ensure instruments are fully submerged. After the prescribed submersion time, remove the instruments from the solution and rinse with water of drinking quality or ideally distilled water or fully desalinated water. The solution is to be changed each working day.

For verification of the efficacy e.g. in case of a heavily loaded solution you can use the test strips.

**Proval of efficacy**

Test strips

Box with 4 tubes

50 pieces/tube

SAXT 4

**Evaluation**

Extensively tested microbiologically, virologically, toxicologically and ecologically.

Please ask for our evaluation report.

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**Active cleaning instrument disinfection**

**Ingredients:**

- antimicrobial active ingredients, nonionic detergents, complexing agent, corrosion inhibitors, fragrances.
- 100 g contain the active ingredients: 50 g Sodium perborate Monohydrate, 25 g Tetraacetylenediamine (TAED).

**Area of use:**

For the cleansing and disinfection of instruments made of metal, plastic, glass etc. Particularly well suited for the disinfectant pre-cleansing and final disinfection procedures of flexible endoscopes.

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**The Sekusept-basin-system for instrument reprocessing**

We offer complete service and systems to cover all of your institutional, industrial, and hospital cleaning and sanitation needs. Ask for more of our products and services in Europe and worldwide.

Ecolab - Your partner for Total Hygiene Solutions!

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