



## gigasept®

Manual instrument disinfection of endoscopes, ultrasonic probes, anaesthetic accessories, etc.  
[CE 0297]

### Our plus:

- active ingredient basis: high-quality aldehydes
- effective against bacteria (incl. TBB), fungi, viruses (DVV\* test viruses as well as HBV and HIV), and spores
- stock solution lifetime 14 days, even with serum load
- suitable for use in ultrasonic devices

\* German Association for the Control of Virus Diseases [DVV]

### Areas of application

Thanks to its broad microbiocidal effect spectrum and its excellent compatibility with materials, gigasept® is suitable for all areas in hospital and practices where thermostable or thermolabile instruments require disinfection (e.g. surgery, anaesthesia, wards, etc.).

Its chemical composition makes gigasept® especially suitable for disinfection of flexible endoscopes.

gigasept® has also been tested for use in ultrasonic devices (in type Sonorex RK 102).

### Application methods / Instructions for use

Complete moisture and bubble-free filling of reprocessing devices must be ensured. After contact time, rinse thoroughly with water of a quality suitable for subsequent use of the devices/instruments (e.g. sterile water).

- This helps to prevent undesired interactions and effects, in subsequent manual or automatic reprocessing.

Containers with gigasept® solution should always be covered in order to reduce to a minimum or prevent loss through evaporation during the 14-day lifetime.

### Application concentrations / Contact times

Efficacy	5 min.	15 min.	30 min.	1 h	4 h
Bacteria (incl. TBB/ mycobact. tuberculosis), fungi			10 %	5 %	
HBV (MAD test)* elimination of infectivity - without serum load - with serum load			10 %	10 %	
HIV (AIDS pathogen)**	10 %	5 %			
Adeno-, vaccinia-, herpes viruses			5 %		
Polioviruses			10 %		
Papova-viruses (SV 40)				10 %	
Coxsackievirus					10 %
Final disinfection (all pathogens, incl. spores) in literature sometimes known as "cold sterilisation"***					12 %

\* Dr. Dr. G. Schwalbach, Bad Mergentheim, Germany, 27.6.1984

\*\* Prof. H. Schmitz, Cert. Biologist, M. Bögel, Hamburg, Germany, 12.9.1989

\*\*\* The term "cold sterilisation" has been used in relation to disinfectants if, when used at room temperature in corresponding concentrations and contact times, as well as killing the vegetative forms of microorganisms, they also kill their spores and inactivate viruses. Such disinfectants are particularly used for thermolabile materials in the fields of anaesthesia and endoscopy.

## Product data

### Ingredients:

100 g gigasept® contain: 6.8 g succinaldehyde, 4.5 g dimethoxytetrahydrofuran, 4.5 g formaldehyde.

Labelling according to Regulation (EC) No. 648/2004:

< 5 % phosphonates, < 5 % anionic surfactants.

< 5 % non-ionic tensides, perfumes, methylisothiazolinones.

### Chemical/physical data:

#### Concentrate:

Appearance: clear, blue liquid  
Density at 20 °C: 0,97 g/cm<sup>3</sup>  
Viscosity: < 15 sec. (flow time according to DIN 53 211)  
Temperature stability: - 5 °C to + 40 °C  
pH value: approx. 6,5

**Advice:** Depending on storage temperature, light exposure and age, the concentrate may display discolourations (blue/green) which do not, however, affect its microbiological efficacy.

#### 10 % stock solution:

Appearance: clear, light blue  
pH value: approx. 6.0

#### 3 % stock solution:

Appearance: clear, light blue  
pH value: approx. 7.0

#### Conductivity of 3 % solution:

in tap water: approx. 290 µs/cm  
in aqua dest: approx. 100 µs/cm

## Labelling according to EC directives

(contains methanol)

- Xn:** Harmful.  
**R10:** Inflammable.  
**R36/37/38:** Irritating to eyes, respiratory system and skin.  
**R68/20/21/22:** Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.  
**R40:** Limited evidence of a carcinogenic effect.  
**R43:** May cause sensitisation by skin contact.  
**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**S36/37:** Wear suitable protective clothing, gloves and eye/face protection.

## Special advice

The UVV (accident prevention regulations) requires the persons dealing with disinfectants which are not determined for the skin to wear gloves.

Do not use after the expiration date.

## Delivery forms / Packaging units

Package size	Packaging units	Art. No.
2 l bottle	5 x 2 l	113 102
5 l canister	1 x 5 l	113 104

## Accessories / Dosing aids

Container sizes	Art. No.
bottle doser for 2 l bottle (20 ml/1 x tilting)	183 401
5 l can tap	135 501
5 l can key	135 810
5 l can doser (20 ml/pump stroke)	117 101
measuring cup 500 ml	136 101
schülke instrument tubs 3, 5, 10, 30 l	

For detailed information on our dosers, please request the product overview Hygiene Technology.

## Environmental information

schülke manufactures its products using advanced, safe and environmentally friendly procedures, economically and in compliance with high quality standards.

## Expert opinions and information

Should you have any further questions:

Customer Care

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Schülke & Mayr GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 13485 (Reg.-No. 004567-MP23) and has a validated environmental system in accordance with the Eco Audit Regulation (Reg.-No. DE-150-00003).

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