

schülke -+



chiroSan® plus

Efficient
and economical

A powdered disinfectant on the basis of generated peracetic acid intended for the disinfection of surgical instruments, for second and high level of disinfection of instruments, rigid and flexible endoscopes and for medical devices surface disinfection.

Our Plus:

- Full effect spectrum
- Combination of 3 enzymes
- Effective from 5 minutes
- Soluble, not foaming
- Stability of solution for 36 hours

Area of use:

chiroSan® plus is intended for the manual disinfection and cleaning of instruments and aids immediately after use by immersion in a previously prepared working solution. It is also suitable for usage in ultrasound cleaners.

The preparation is also suitable for disinfection of:

- medical device surfaces by wiping (hydrotherapy baths)
- dental impression materials
- anesthesiology equipment
- tonometers
- breathing masks
- endoscopes, incubators etc.

chiroSan® plus is compatible with regular materials used in health-care. It is recommended for instruments and aids made of surgical steel, glass, plastic, rubber, porcelain, ceramics and perspex. Do not use on instruments made of brass, copper, aluminium, nickel or chrome-plated instruments with mechanically damaged surfaces.

Instructions for use:

Disinfecting solution is prepared by dissolving measured amount of **chiroSan® plus** into water of temperature 20 °C + -1. Stir the solution properly. After 15 minutes of activation time and after repeated stirring, the solution is ready for use.

Used instruments and items are immersed fully in the activated solution of **chiroSan® plus** to ensure all instrument cavities will be filled with solution (no air bubbles). After the exposure time, take instruments out and rinse them with water.

Surfaces of medical devices can be disinfected also by wiping with a cloth soaked into working solution. Visibly dirty objects must be first cleaned and disinfected afterwards.

Usage	Concentration	Exposition
Disinfection and cleaning of instruments	0,5%	15 min.
Second and higher level of disinfection	2%	10 min.
Other medical device surface disinfection	1%	5 min.

Effect spectrum:

Bactericidal, fully virucidal, mycobactericidal, tuberculocidal, fungicidal, sporocidal

Efficiency	Test method	Exposition time				
		5'	10'	15'	30'	60'
Bactericidal incl. MRSA	EN 13727+A2 ²	0,5%				
	EN 14561 ²	0,5%				
Levurocidal	EN 14562 ²	0,5%				
Fungicidal (<i>C. albicans</i> , <i>A. brasiliensis</i>)	EN 13624 ²		2%		1%	
	EN 14562 ²					
Mycobactericidal	EN 14348 ²			0,5%		
	EN 14563 ²	2%		1%		0,5%
Virucidal (<i>adeno</i> , <i>polio</i> , <i>noro</i> – MNV)	EN 14776 ²		2%		0,5%	
Virucidal (<i>Vaccinia</i>)	DVV/RKI ² EN 14476+A1 ²	0,5%				
Virucidal (<i>BVDV</i>)	DVV/RKI ²			0,5%		
	EN 14476+A1 ²	0,5%				
Virucidal (<i>Rotavirus</i>)	EN 14476+A1 ²	2%	1%		0,5%	
Bacterial spores (<i>B. subtilis</i> , <i>C. difficile</i>)	EN 13704 ¹		2%		1%	0,5%

1 – Lower organic load, 2 – Higher organic load

chirosan® plus

Tests and certificates:

**Tests of material compatibility,
Surgical and dental instruments:**
Medin a. s.

**Tests of material compatibility,
flexible endoscopes:** Karl Storz

Tests of incubators:
State Health Institute Prague

Tests for dental impression materials:
VFN – Institute of Clinical
and Experimental Dentistry

Tests of microbiological effectiveness:
Chemila, spol. s r.o.
Health Institute in Ostrava



Special advice:

For the professional market only. Follow carefully instruction for use. Do not use on instruments made of brass, copper, aluminium, nickel or chrome-plated instruments with mechanically damaged surface.

Shelf life:

24 months

Type of product:

Medical device class IIb [CE 1023]

Composition:

chirosan® plus contains following active substances:

- in situ generated peracetic acid
(2% solution contains more than 1000 ppm of peracetic acid)

Chemical-physical data:

form odor pH (2% solution)	white powder fragrance free 7,5 – 8,5
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Logistic data:

Product name	Packaging	Pcs in carton
chirosan® plus	1,5 kg bucket 6 kg bucket	1 1

Environmental information:

schulke manufactures products economically and with advanced, safe and environmentally friendly production processes while at the same time maintaining our high quality standards.



Schulke CZ, s.r.o. is a holder of quality certificates ISO 14385 and ISO 9001.

Further information:

Visit our web site:

www.schulke.cz

Producer:

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