



Product information

Instrument Disinfection PLUS conc.

1000 ml	SUN402I
2500 ml	SUN402K
5000 ml	SUN402L



Characteristics

- Liquid concentrate for the regular manual preparation of medical instruments
- Free of aldehyde and peroxy acids, not corrosive, extremely mild despite its high effectiveness and therefore does not affect the surface of instruments – suitable for use on most materials!
- Also suitable for dispensing equipment
- Bactericidal, tuberculocidal, fungicidal and virucidal

Area of application

Product for the manual cleaning and end disinfection of invasive and non-invasive medical and surgical instruments in immersion processes. Not suitable for terminal disinfection of critical medical devices!

Application

Dilute the concentrate with 10°C to 30°C warm water (at least drinking water quality) (use dispensing bottles or dispensing equipment). In the event of very dirty conditions, first clean the instruments mechanically. Then immerse the opened instruments in the solution. All surfaces and cavities to be disinfected have to be covered in full by the non-protein attaching solution. Depending on the degree of contamination, the working solution may need to be replaced (RKI recommendation: at least once per working day). After disinfection the instruments should be rinsed, ideally with demineralised water, and dried thoroughly. For critical instruments, sterilisation is recommended in addition as per RKI.

Do not mix with cleaning agents or other disinfectants.

The preparation guidelines of the instrument manufacturer as well as the preparation guidelines in the RKI/KRINKO recommendation are to be observed! Material changes to polycarbonate and polyamide in the event of long-term use cannot be ruled out, although they can be largely avoided by rinsing sufficiently after each application. When using new

Composition

100g contains:

8.0g didecyldimethylammonium chloride, 5.0g N-(3-aminopropyl)-N-dodecylpropane-1.3-diamin

Chemical-physical data

Density at 20° C: 1.01g/cm³

pH value at 20° C: >10

(concentrate)

Available containers

- Practical dosage bottles with dosage container
- Canisters

materials, the tolerance is to be checked in advance. The working solution can also be disposed of in the sewage water system. To ensure effectiveness, the dosage quantities and application times must be observed as closely as possible and not exceeded. Overdoses should also be avoided for reasons of environmental protection and material tolerance.

Application times

Bacteria and candida albicans (EN 13727, EN 14561, 13624, EN 14562 and VAH), dirty conditions:

2.0% 15 min.

1.0% 60 min.

TbB (*M. terrae*) as per EN 14348, EN 14563 (clean conditions):

2.0% 15 min

1.0% 60 min.

"Limited virucidal effect" (enveloped viruses such as HBV, HCV, HIV) as per RKI/DVV with dirty conditions:

2.0% 15 min.

1.0% 60 min.

Noroviruses as per EN 14476, (dirty conditions):

3.0% 15 min.

Adenoviruses as per EN 14476, (clean conditions):

1.5% 60min.

3.0% 15min.

Polyoma SV 40 as per RKI/DVV (contaminated):

3.0% 15min.

"Virucidal" (non-enveloped viruses such as adenoviruses, noroviruses and polio viruses) as per EN 14476 (clean conditions):

3.0% 30min.

Contact

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Fungus (*A. brasiliensis*) as per EN 13624, EN 14562 (clean conditions):

3.0% 60 min.

Spores (*C. difficile*) as per EN 13704 (clean conditions):

3.0% 60min.

Extra details about the scope of effectiveness:

- Bactericidal (incl. MRSA) as per EN 13727, EN 14561 and VAH
- Levurocidal (*Candida albicans* as per EN 13624, EN 14562 and VAH):
- Fungicidal (*A. brasiliensis*) as per EN 13624 and EN 14562
- Tuberculocidal as per EN 14348 and EN 14563
- Limited virucidal effect (enveloped viruses such as HBV, HCV and HIV) as per RKI/DVV
- Virucidal (effective against non-enveloped viruses such as adenoviruses, noroviruses and polio viruses) as per EN 14476.
- Sporicidal (*C. difficile*) as per EN 13704

Dilution table

Ready-for-use solution	1.0%	2.0%	3.0%	5.0%
1 Liter	10ml conc. 990ml water	15ml conc. 985ml water	20ml conc. 980ml water	30ml conc. 970ml water
2 Liter	20ml conc. 1980ml water	30ml conc. 2970ml water	40ml conc. 1960ml water	60ml conc. 1940ml water
3 Liter	30ml conc. 2970ml water	45ml conc. 2955ml water	60ml conc. 2940ml water	90ml conc. 2910ml water
5 Liter	50ml conc. 4950ml water	75ml conc. 4925ml water	100ml conc. 4900ml water	150ml conc. 9850ml water
10 Liter	100ml conc. 9900ml water	150ml conc. 9850ml water	200ml conc. 9800ml water	300ml conc. 9700ml water

Safety guidelines:

H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H410 Very toxic to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves/eye protection. IN CASE OF CONTACT WITH SKIN (or hair): Remove all contaminated clothing immediately. Wash/shower the skin with water. IN THE EVENT OF CONTACT WITH THE EYES: Rinse carefully for a long time with water. Remove any contact lenses if possible. Continue to rinse. Call a POISON CENTER or a doctor/physician immediately. Dispose of the contents/container in accordance with local/regional/national/international regulations. Contains didecyldimethylammonium chloride, 1-Aminopropan-2-ol , N-(3-aminopropyl)-N-dodecylpropane-1.3-diamin.



Danger

Storage temperature range

