



# Product information

## Instrument Disinfection PLUS conc.

1000 ml	SUN402I
2500 ml	SUN402K
5000 ml	SUN402L



## Area of application

Concentrate for the manual and terminal disinfection of uncritical and semi-critical medical and surgical instruments in an immersion bath procedure. Not suitable for the terminal disinfection of critical medical devices!

## Application

Dilute the concentrate (use dispensing bottles or dispensing equipment) with 10°C to 30°C warm water (at least drinking water quality).

Before disinfection, the RKI (Robert Koch Institute) / BfArM (Federal Institute for Drugs and Medical Devices) recommends a thorough pre-cleaning or mechanical cleaning and, if necessary, intermediate rinsing of the instruments. Afterwards, immediately immerse the cleaned and opened instruments in the working solution. All surfaces and cavities to be disinfected must be fully covered by the working solution. Depending on the degree of contamination, the working solution has to be renewed (RKI recommendation: at least once per working day). After the disinfection time, rinse the instruments thoroughly, ideally with demineralised water, and dry them. The RKI recommends a final sterilisation for critical instruments. Do not mix with cleaning agents or other disinfectants. The reprocessing instructions of the instrument manufacturers and the reprocessing instructions of the RKI/KRINKO recommendation are to be observed). When using continuously, material changes of polycarbonate and polyamide cannot be ruled out; however, they can be largely avoided by rinsing them sufficiently after each application. When using new materials, check for compatibility in advance. The working solution can be disposed of via the wastewater. To ensure effectiveness, the dosage quantities and application times must be observed as closely as possible and not be undercut. Avoid overdoses for reasons of environmental protection and material compatibility. Suitable for use in ultrasonic baths. Suitable for (dental) practices, hospitals, retirement homes, care- and rescue services as well as pedicure studios.

## Composition

100g contain:

8.0 g didecyldimethylammonium chloride; 5.0 g N-(3-aminopropyl)-N-dodecyl-propan-1,3-diamine

## Chemical-physical data

Density at 20° C: 1.01 g/cm<sup>3</sup>

pH value at 20° C: >11 (concentrate)

## Application times

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

2.0 % 15 min.

1.0 % 60 min.

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

2.0 % 60 min.

Mycobacteria as per EN 14348, EN 14563 (clean conditions):

3.0 % 60 min.

„Limited virucidal“ (enveloped viruses such as HBV, HCV, HIV) as per RKI / DVV and EN 17111 with dirty conditions:

1.0 % 15 min.

Noroviruses as per EN 14476 and EN 17111 (dirty conditions):

3.0 % 15 min.

Adenoviruses as per EN 14476 and EN 17111 (clean conditions):

3.0 % 60 min.

4.0 % 30 min.

Polyomaviruses (SV 40) as per RKI / DVV (with contamination):

3.0 % 15 min.

„Virucidal“ (non-enveloped viruses such as: adeno-, noro-, polioviruses) as per EN 14476 and EN 17111 (clean conditions):

3.0 % 60 min.

4.0 % 30 min.

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

3.0 % 60min.

### Additional information on the spectrum of efficacy:

- Bactericidal (incl. MRSA) as per EN 13727, EN 14561, VAH
- yeasticidal (*Candida albicans* as per EN 13624, EN 14562, VAH)
- fungicidal (*A. brasiliensis*) as per EN 13624, EN 14562
- mycobactericidal / tuberculocidal as per EN 14348, EN 14563
- “limited virucidal” (enveloped viruses such as HBV, HIV, HCV) as per DVV / RKI and EN 17111
- virucidal (effective against non-enveloped viruses such as noro-, adeno-, polio-viruses) as per EN 14476 and EN 17111, polyomaviruses (SV 40) as per RKI / DVV.

## Dilution table

Ready-to-use solution	1.0 %	1.5 %	2.0 %	3.0 %	4.0 %	5.0 %
1 litre	10 ml conc. 990 ml water	15 ml conc. 985 ml water	20 ml conc. 980 ml water	30 ml conc. 970 ml water	40 ml conc. 960 ml water	50 ml conc. 950 ml water
2 litres	20 ml conc. 1980 ml water	30 ml conc. 2970 ml water	40 ml conc. 1960 ml water	60 ml conc. 1940 ml water	80 ml conc. 1920 ml water	100 ml conc. 1900 ml water
3 litres	30 ml conc. 2970 ml water	45 ml conc. 2955 ml water	60 ml conc. 2940 ml water	90 ml conc. 2910 ml water	120 ml conc. 2880 ml water	150 ml conc. 2850 ml water
5 litres	50 ml conc. 4950 ml water	75 ml conc. 4925 ml water	100 ml conc. 4900 ml water	150 ml conc. 4850 ml water	200 ml conc. 4800ml water	250 ml conc. 4750 ml water
10 litres	100 ml conc. 9900 ml water	150 ml conc. 9850 ml water	200 ml conc. 9800 ml water	300 ml conc. 9700 ml water	400 ml conc. 9600 ml water	500 ml conc. 9500 ml water

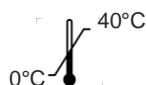
### Safety instructions:

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. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Dispose of contents/container in accordance with local/regional/national/international regulations. Contains didecyldimethylammonium chloride, 1-aminopropan-2-ol, N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine.

(EC) 648/2004: Contains 5%-15% non-ionic surfactants, 5%-15% cationic surfactants, fragrances.



MD



**Danger**

### Notes on incidents

All serious incidents related to the device shall be reported by the user/patient to the manufacturer and to the competent authority of the Member State in which the user/patient is established