



# Product information

## Instrument Disinfection POW(D)ER conc.

1500 ml	SUN420J
6000 ml	SUN420M



## Characteristics

- Bactericidal, mycobactericidal, **virucidal**, fungicidal, **sporicidal**
- Outstanding material compatibility
- With corrosion inhibitors
- Extremely broad spectrum of efficacy
- With subtle smell
- Aldehyde-free
- Virtually pH neutral

## Product type

For terminal disinfection of medical and surgical instruments and endoscopes in an immersion bath procedure. For critical instruments, RKI recommends a final sterilisation.

## Application

Before use, the instrument disinfectant must be diluted with water. To do so, use the provided dosing spoon (XXX)<sup>\*\*\*1</sup> to sprinkle the powder into the water (max. 30°C warm water improves the dissolving process) and stir the solution several times for 15 minutes. The small amount of sediment, which forms, does not impair the disinfection effect but acts as a buffer. In case of very dirty conditions, clean the instruments mechanically beforehand. Immediately after use, place the opened instruments into the working solution. All surfaces and cavities to be disinfected have to be covered by the solution in full. The working solution has to be renewed depending on the contamination, but at least every working day. After the disinfection time, rinse the instruments thoroughly with demineralised water and dry them.

Do not use on instruments made of copper, brass or superficially damaged chrome-plated and nickel-plated instruments. To ensure effectiveness, the dosage quantities and application times must be observed as accurately as possible and not fall below the recommendations. The preparation guidelines of the instrument manufacturers as well as the preparation guidelines in the RKI/KRINKO

## Chemical-physical data

Density: 0.65 g/ml  
pH value: 8

## Available containers

- High-quality packaging solutions upon request, e.g. in 1.5 kg or 6 kg buckets

## Expert opinions

Our products have been scientifically examined and tested in accordance with the latest methods. We will be happy to send you copies of our expert opinions upon request.

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<sup>1</sup> \*\*\* (1 "heaped" 20 g spoon = 20 g)  
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recommendation are to be observed! The working solution can also be disposed of via the wastewater. Do not mix with cleaning agents or other disinfectants. Always keep the container tightly sealed and store in a cool place protected from sunlight. Protect the packaging contents from moisture.



#### **Recommended application concentrations:**

1 %	60 min.
2 %	15 min.

#### **Contact times**

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

1.0 %	5 min.
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Tb bacteria deactivation (*M. terrae*, (dirty conditions):

1.0 %	5 min. (EN 14348, EN 14563)
1.0 %	15 min. (VAH)
2.0 %	5 min. (VAH)

*M. avium* as per EN 14348, EN 14563, VAH (dirty conditions):

2.0 %	10 min.
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Non-enveloped and enveloped viruses under dirty conditions:

2.0 %	10 min. (EN 14476, DVV/RKI, EN 17111)
1.0 %	60 min. (EN 14476, EN 17111)

Polyomaviruses (SV 40) under dirty conditions (RKI/DVV):

1 %	5 min.
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Sporicidal as per EN 17126 (*B. subtilis*, *B. cereus*), dirty conditions:

1.0 %	10 min.
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#### **Contact**

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Sporicidal as per EN 17126 (C. difficile), dirty conditions:

1.0 %            5 min.

Fungicidal as per EN 13624, EN 14562 (A. Brasiliensis):

2.0 %            15 min. (clean conditions)

1.0 %            60 min. (clean conditions)

2.0 %            30 min. (dirty conditions)

### **Safety instructions:**

H302 Harmful if swallowed. H318 Causes severe eye damage. Wear protective gloves/eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a POISON CENTER or a doctor/physician immediately. IF SWALLOWED: If you feel unwell call a POISON CENTER or a doctor/physician. In case of skin irritation: Get medical advice/attention. IF ON SKIN: Wash the area with a lot of soap and water. Store at temperatures of no more than 25°C. Dispose of the contents/container in accordance with local/regional/national/international regulations. Contains sodium carbonate peroxyhydrate.



**Danger**



**MD**