



# SANOSIL

DISINFECTANTS FOR LIFE 



# Sanosil S003

Ready-to-use surface disinfectant

[www.sanosil.com](http://www.sanosil.com)

# Sanosil S003

Disinfectant for surface  
disinfection



Reliable and versatile disinfectant for  
**surfaces and equipment**

- ✔ Highly effective against bacteria, viruses (enveloped), yeasts and fungi, VAH listed.
- ✔ Easy and safe application (ready to use)
- ✔ Does not leave any adhesive residues on the surface
- ✔ Does not cause unpleasant odours
- ✔ No alcohol, chlorine/chlorine compounds or QAC
- ✔ No dyes or fragrances
- ✔ With catalytically enhanced hydrogen peroxide
- ✔ The hydrogen peroxide completely (100%) decomposes into water and oxygen
- ✔ Shelf life of over 2 years
- ✔ High-quality product made in Switzerland



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## PRODUCT DESCRIPTION

Sanosil S003 is a surface disinfectant with medical DGHM/VAH certification and long-lasting depot effect. It is based on the proven Sanosil hydrogen peroxide/silver formulation and does not release any flammable or foul-smelling vapours.

Hydrogen peroxide is used as the active ingredient. It is also stabilised and its disinfecting effect is catalytically enhanced several times over by adding a minimal amount of silver ions.

**This process can increase the disinfection effect by up to 800%.** After application, hydrogen peroxide also completely decomposes into water and oxygen.

The small amounts of silver remaining on the surface after the peroxide has broken down inhibit germ multiplication for up to 72 hours.



## SHORT INFO

### PRODUCT TYPE

Ready-to-use

### SUITABLE FOR

Wipe disinfection, targeted spraying with a device

### EFFECT AGAINST

Bacteria, yeasts, viruses (Influenza A, Corona), fungi

### SHELF LIFE

2.5 years

### CONTENTS

1.5g/100g hydrogen peroxide,  
0.003g/100g silver



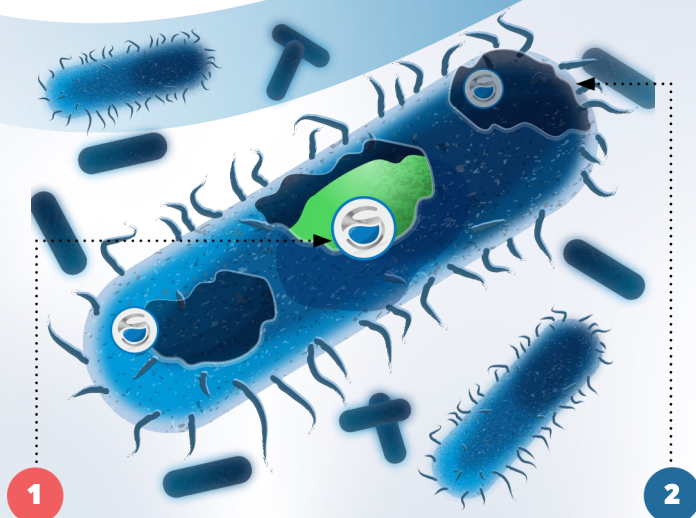
## DISINFECTION: BACKGROUND KNOWLEDGE

**Note 1:** The cleaner a surface is cleaned first, the better the disinfection results! Visible dirt can severely impair the disinfection performance.

**Note 2:** Spray-wipe disinfection or application with a moistened wipe is clearly superior to spraying alone. Spraying alone (especially with a hand sprayer) can leave gaps in effectiveness and should be avoided.

## HOW IT WORKS

- 1** The oxygen ( $^1\text{O}_2/\text{O}_2$ ) split off by the hydrogen peroxide attacks the cell walls of the microorganisms. Oxidation (cold combustion) denatures and destroys them.
- 2** The effect is supported by silver ions, which catalytically strengthen the effect of the peroxide. In addition, they block the metabolism (where present) and the ability of the germs to multiply.



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# SURFACE DISINFECTION

Spray - Wipe Method

**Note:** When decanting S003 into spray bottles or similar, it is mandatory to attach a label with information about the contents to the outside of the corresponding container.



## STEP 1

Clean the surface to be treated thoroughly with a cloth and suitable cleaning agent.

## STEP 2

Put on gloves. Moisten a wipe with undiluted Sanosil S003.

**Dosage on smooth surfaces:**  
30-50 ml /m<sup>2</sup>



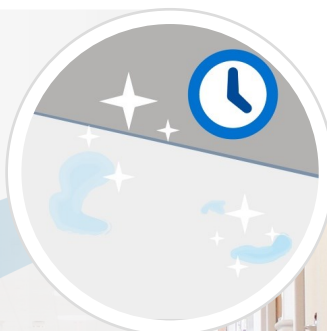
## STEP 3

Wet the surface to be disinfected with the cloth so that an even, gapless, moist film remains. Avoid the formation of puddles. **If drops or puddles remain on smooth surfaces, spread them with the wipe.**



## STEP 4

Allow the agent to dry in.  
This normally happens within **15 min.**



**Note:** When spraying directly with a device, aerosol formation should be avoided as much as possible.

For applications larger than normal household areas / for more than 30 min per day, appropriate respiratory protection should be worn to avoid irritation of the respiratory tract.



Sanosil S003



## EFFECTIVENESS

### TEST STANDARDS & EXPOSURE TIMES

#### BACTERIA

##### Bactericidal:

EN1276: low organic load: 5 min  
EN1276: organic load: 15 min  
EN13697: organic load: 30 min  
EN16615: organic load: 15 min

#### YEAST

##### Levurocidal:

EN1650: organic load: 30 min  
EN13697: organic load: 5 min  
EN16615: organic load: 5 min

#### FUNGI

##### Fungicidal:

EN1650: low organic load: 30 min

#### VIRUS

##### Virucidal:

EN14476: low organic load  
(Influenza A \*) : 30 sec

\* also applies to coronaviruses according to the Swiss health authority\*



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## SURFACE DISINFECTION

(with SanoWipes)

Sano Wipes are dry wipes in a practical dispenser bucket with a resealable lid. They are soaked with disinfectant before use and are then ready for use for several weeks. Soaked SanoWipes are ideal for quick intermediate disinfection of smaller surfaces.



### STEP 1

Put on gloves. (Basic safety recommendation when handling disinfectants).

### STEP 2

Remove the protective foil from the wipes roll and place it in the bucket.



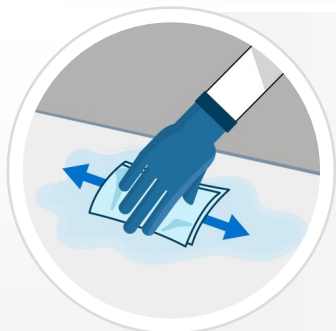
### STEP 3

Soak the roll with undiluted Sanosil S003.  
**Dosage 1 - 1.2 l per roll**



### STEP 4

Pull the first wipe through the dispenser opening and close the transparent lid tightly. (Note: due to the influence of light, the wipes may discolor slightly over time, but this does not represent a loss of quality.)



### STEP 5

Remove a soaked SanoWipe and thoroughly wipe the surface to be disinfected several times. Wear gloves to avoid prolonged skin contact.



SanoWipes



## TECHNICAL DATA

### MATERIAL

PET- optimized for the application of liquids

### WIPES PER ROLL

90 pcs

### DIMENSIONS OF WIPES

36 x 20 cm



**Note:** Always attach a label with information about the contents after filling the SanoWipes dispenser bucket. Suitable labels are available from Sanosil on request.



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# SURFACE DISINFECTION

(with sprayer - for professional users)

**Caution:** When using professional spraying equipment, a certain amount of aerosols is always produced, which could affect health. Therefore, always wear a P3 full face respirator during extended spraying work to prevent irritation of the respiratory tract and eyes. (Respirator with gas filter (against hydrogen peroxide) Filter type: ABEK-P3)

## STEP 1

Clean the surfaces to be treated thoroughly with a suitable cleaning agent. The better the cleaning, the more effective the disinfection.

Fill the required amount of Sanosil S003 into the storage tank of a sprayer (e.g. Sanosil Stream / Stream Compact, pressurised storage sprayer with compressed air connection, airless sprayer, etc.).



## STEP 2

Choose the finest possible atomisation method and spray the surfaces to be disinfected in such a way that a slightly moist surface is created throughout. (Cf. fogged-up bathroom mirror when showering).

**Guide dosage: 30 - 50ml / m<sup>2</sup>**

Avoid drips/puddles and runs. Prevent aerosols from entering parts of the room with unprotected persons.



## STEP 3

Allow the product to take effect. For safety reasons, no one should enter the room without protective equipment for up to 2h after spray disinfection.

(Limit level hydrogen peroxide in the air: 1ppm)

If the level is too high, extend the waiting time or thoroughly ventilate. There must not be a disinfectant smell or irritation of the respiratory tract/eyes.



**Note:** The finer the droplets, the better the wetting. Avoid drips/puddles and runs due to excessive material application. If this happens anyway - wipe with a wipe cloth before it dries. Otherwise, there is a risk of discolouration.



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## FLOOR DISINFECTION

(with spray mop)

**Note:** As an alternative to a spray mop system, pre-wetted exchangeable mop covers are also suitable. For larger surfaces (e.g. sports mats), the parallel use of a powerful hand sprayer for spraying and a mop for wiping is also a good idea.

### STEP 1

Clean the surface to be treated thoroughly with a mop and a suitable cleaning agent.

### STEP 2

Fill Sanosil S003 into the reservoir of a suitable mop applicator.

### STEP 3

Wet the surface with the applicator, leaving an evenly damp film that dries in a few minutes. Allow the product to act / dry.



## DISINFECTION OF SMALL PARTS

(Seals, O-rings, etc.)



### STEP 1

If possible, clean the parts to be treated in the dishwasher or by hand.

### STEP 2

Fill Sanosil S003 into a container and place the parts in it. After a few minutes, remove and allow to dry. Provided the disinfectant does not become contaminated, the solution can be used several times.

**Use biocides safely. Always read the label and product information before use.** Our technical application advice, both written and verbal, is based on extensive testing. We give advice to the best of our current knowledge, but without any liability, as application and storage are beyond our direct control. Product descriptions or information about the properties of the preparations do not contain any statements about liability for any damage.



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