

Sanosil S003

Ready-to-use surface disinfectant

**Suitability:**

- Surface disinfection,
- room disinfection,
- wipe disinfection
- spray disinfection

Product type:

- Ready to use

Effectiveness:

- Bacteria, viruses (Influenza), yeasts and fungi

Contact time: 1 - 30 min.* (DGHM 15 min with high organic load)

*depending to germtype, temperature, organic load and surface

Shelf life: 2.5 years

Active ingredients:

1.5% Hydrogen peroxide, 0.003% silver

Safety Precautions: ---

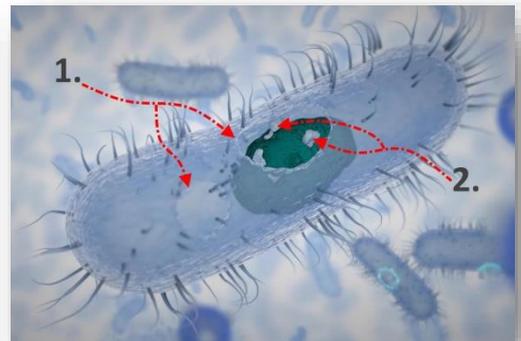
Description

Sanosil S003 is a DGHM/VAH certificated, very flexibly applicable universal disinfectant with long-lasting depot effect. Sanosil S003 is based on the proven Sanosil hydrogen peroxide/silver formula and thanks to additional stabilisation also suited for more special applications like cold fogging (e.g. Sanosil EasyFog).

Working Principle

The active substance used is hydrogen peroxide, an environment friendly substance. In a complex manufacturing procedure, the active substance is stabilized and boosted with silver, thus achieving a greatly improved effectiveness against micro-organisms. The traces of silver remaining on the treated surfaces are not visible and non toxic. However, they efficiently inhibit a renewed contamination.

The elemental oxygen (O₂) separated by the hydrogen peroxide attacks the cell walls of the micro-organisms directly. **1.** The chemical reaction between the oxygen and the cell wall molecules will cause these to be denatured and destroyed. This effect is intensified by the silver ions which form a bond with the disulfide bridge of certain proteins of micro-organisms, thereby inactivating or precipitating these proteins. **2.**



Surface disinfection (without cold fogger)

1. Thoroughly clean the surface to be treated with a suitable cleaner.
2. Moisten a microfibre cloth/cleaning rag with Sanosil S003.
3. Wet the surface to be disinfected with the cloth and leave a moist film. Objects without smooth surfaces or absorbent materials can also be sprayed directly. If droplets remain on the surface, remove these with a suitable cloth. Otherwise droplets may leave silvery-grey stains after drying under adverse conditions.
4. Let the disinfectant dry. Rinsing with water is not necessary.

Floor disinfection

1. Fill Sanosil S003 into the storage container of a suitable applicator (e.g. Sanosil Spray n Wipe).
2. Wet the cleaned surfaces to be disinfected with the applicator to leave an evenly moist film.

Surface disinfection using a cold fogger

1. Thoroughly clean the surfaces to be treated with a suitable cleaner.
2. Fill the required quantity of Sanosil S003 into the storage tank of a cold fogger (e.g. Sanosil EasyFog). Rule of thumb for normal contamination and / or cleaned surfaces: 10 - 20 ml/m³ room volume.
3. Adjust the sprayer to produce a fine mist and spray the disinfectant around the desired rooms. Wear an aerosol-tight protective mask because the mist may irritate the respiratory system.
If you carry the device with you, start in the rear sections of the room and move backwards towards the exit. Then close the door to the previously treated room.
4. Let the mist settle. Depending on the density of the aerosol, this may take between 60 to 120 min. Do not enter the room during this time.

Surface disinfection using a sprayer - spray mist device

1. Clean the surfaces to be treated thoroughly with a suitable cleaning agent.
2. Fill the storage tank of a sprayer with the required amount of Sanosil S003 (e.g. Sanosil EasyFog, accumulator sprayer with compressed air connector etc.)
3. Choose a fine atomisation and spray the surfaces to be disinfected so as to produce a continuously wet surface. Please note: The finer the droplets, the better the wetting.
4. If necessary, wear a protective mask to prevent irritation of the respiratory tract when carrying out larger disinfection operations (in particular if a certain aerosol formation cannot be avoided).

Disinfection of small and machine parts

1. If possible, clean the parts to be treated in the dishwasher or by hand.
2. Fill Sanosil S003 into a container and place the parts in it. Remove after a few minutes and leave to dry. If the disinfectant is not contaminated, it may be used several times.

Range of Equipment

When applying the disinfectant with spraying equipment, make sure that all parts of the equipment coming in contact with the disinfectant are made of chemical-resistant materials (hydrogen peroxide-resistant). Sanosil Ltd. offers a range of tested equipment. The technical descriptions of the various types of equipment are available upon request.



Sanosil EasyDrop



Sanosil Easy Fog



SanoSpray 5000



Sanosil SanoWipes