

Sanosil S010 (HC)

Ready-to-use disinfectant for heavily contaminated surfaces/organic contamination



Description

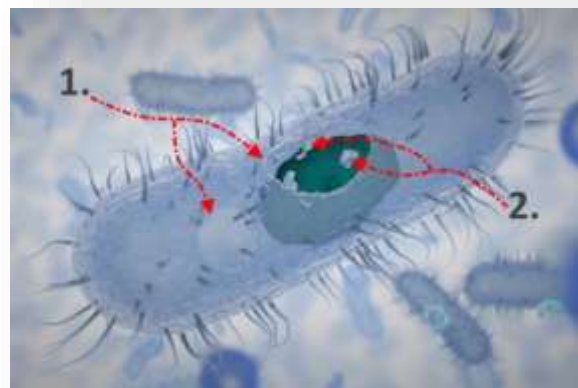
Sanosil S010 is a very flexibly applicable universal disinfectant with long-lasting depot effect. Sanosil S010 is based on the proven Sanosil hydrogen peroxide/silver formula and thanks to additional stabilisation also suited for more special applications like cold fogging (e.g. Sanosil EasyFog).

Sanosil S010 has a higher content of active ingredients and is therefore also suited for disinfecting heavily contaminated or organically contaminated surfaces. This makes it the ideal product wherever thorough cleaning is not possible prior to disinfection or whenever a faster effect than with Sanosil S006 is required.

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. 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. The chemical reaction between the oxygen and the cell wall molecules will cause these to be denatured and destroyed (1). 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)



Short info:

Suitability:

- Surface disinfection for heavily contaminated surfaces with organic contamination
- Aerosol disinfection

Product type:

- Ready to use

Effectiveness:

- Bacteria, viruses, yeasts /fungi, endospores

Contact time: 5 - 60 min. *

* Depending of germ type, temperature, surface and organic load

Shelf life: 2 years

Active ingredients:

5% Hydrogen Peroxide
0.005% Silver

Safety Precautions: (

H315, P102, P280P305+P351+P338, P337+P313, P501

Disinfection (without cold fogger)

1. Thoroughly clean the surface to be treated with a suitable cleaner
2. Moisten a microfiber cloth/cleaning rag with Sanosil S010
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 S010 into the storage container of a suitable applicator (e.g. Sanosil EasyDrop)
2. Wet the cleaned surfaces to be disinfected with the applicator to leave an evenly moist film.

Surface disinfection (with cold fogger)

1. Thoroughly clean the surfaces to be treated with a suitable cleaner
2. Fill the required quantity of Sanosil S010 into the storage tank of your cold fogger (e.g. Sanosil EasyFog). Rule of thumb for normal contamination and/or cleaned surfaces: 5 - 15 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.

Disinfection of small and machine parts

1. If possible, clean the parts to be treated in the dishwasher or by hand.
- 2.
3. Fill Sanosil S010 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 Q-Jet



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DISINFECTANTS FOR LIFE

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Use biocides safely. Always read the label and product information before use.

Our operating instructions, both oral and written, are based on extensive tests. Our advice is given to the best of our existing knowledge but is not binding insofar as the application and the storage conditions lie beyond our direct control. The description of the products and details of the properties of the compounds do not subsume any liability for damage.