

Sanosil S003

Universal Disinfectant Ready-to-use Solution



Product Description

Sanosil S003 is a ready-to-use disinfecting solution for general disinfection of surfaces and pipe circuits in the food and beverage industry, in hotels, restaurant kitchens, buildings, etc.

Outstanding features of the Sanosil® Disinfectants are: no gaps in effectiveness and no development of resistance by pathogenic micro-organisms. Moreover, the products have an excellent long-term effectiveness, they are environment friendly (practically 100% degradable), they are easy and safe to handle and they are neutral as far as odour and taste are concerned. Sanosil S003 does not cause any skin irritations or allergies, and it does not have any carcinogenic or mutagenic effect.

Effectiveness

Sanosil® Disinfectants have been proven effective against all pathogen bacteria, amoebae, biofilm, fungi, viruses, etc. and they verifiably hinder a renewed contamination. The excellent effectiveness of the Sanosil® Disinfectants has been confirmed (DGHM listed): more than 200 tests involving different pathogenic micro-organisms have been carried out up to date.

Sanosil® Disinfectants have been proven effective against:

(Excerpt): gram positive / gram negative bacteria, spore forming organisms, Cholera, Salmonella, Listeria, MRSA, Legionella, HIV, Hepatitis, VRE, Herpes, Newcastle Disease, ECBO Virus (F. Herpesviridae), Vaccina Virus (F. Poxviridae), Pseudo Rage Virus (Aujeszky), Avian Flu (H5N1, H5, H7, H9), yeasts, fungi, mould, protozoans, etc.*

* the complete list of tests is available upon request.

Working Principle

Sanosil® Disinfectants are highly effective, universal disinfectants based on hydrogen peroxide and silver ions. Thanks to the worldwide patented manufacturing process, the combination of both main components results in an impressive enhancement of their properties (synergy).

The oxidizing substance used is hydrogen peroxide, which is bonded with stabilising agents to form a complex solution. A long-lasting effect is achieved by the addition of a very small quantity of silver, which has a catalytic and oligodynamic effect. The bactericidal effect of silver is based on the fact that the monovalent silver ions bind very firmly to bacterial proteins, in form of covalent bonds, thus inactivating or precipitating them.

Application Fields

The ready-to-use disinfectant Sanosil S003 is applied in the general disinfection of surfaces and pipe circuits in the food and beverage industry, in hotels, restaurant kitchens, buildings, disinfection of trucks and transport containers, etc. It is suitable for application on **clean** surfaces made of stainless steel, wood, stone, china, concrete, synthetics, glass, etc. The best disinfection results will be obtained after a thorough cleaning procedure.

Surface Disinfection

Spray undiluted Sanosil S003 on the cleaned surfaces with an adequate spraying device (see our range of equipment). Small surfaces can be treated with a sponge or cloth.

Dosage: depending on the surface, approx. 0.1 - 0.3 Litre/m².

Exposure time: 30 minutes or time required for the solution to dry on the surface. Rinsing not required.

Disinfection by Immersion

Cleaned objects, such as parts of kitchen equipment, seals, screws, kitchen tools, cutting boards, sponges, etc. are immersed in undiluted Sanosil S003. The exposure time varies from 30 minutes up to 4 hours, depending on the quantity and type of germs present.

Disinfection of Pipes, Tubes, etc.

Cleaned pipes and tubes (for example in vending machines, ice-makers, pipes for milk, pumps, filter systems, etc.) are filled with Sanosil S003. The exposure time varies from 30 minutes up to 4 hours, depending on the quantity and types of germs present. After completion of the exposure time, the disinfectant is drained. The disinfecting solution can be re-used, provided it is not organically contaminated. Local regulations must be observed.

(For the cleansing and disinfection of dirty, contaminated pipe systems we recommend Sano-Clean AR, a slightly foaming combined cleansing and disinfecting product with a choice of selected tensides and an excellent cleaning and disinfecting performance.)

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 material (hydrogen peroxide-resistant). Sanosil Ltd. offers a range of tested equipment, such as the Sanospray 5000 or the EasyFog (portable, electrically operated, powerful sprayer). The technical descriptions of the various types of equipment are available upon request.



Turbofogger



Easy Fog



SanoSpray 1500
(1.5 Litre)



Sanospray 5000
(5 resp. 8 Litre)

Storage Instructions / Safety Measures

S-Phrases:

- S 1/2 Keep locked and out of the reach of children.
- S 25 Avoid contact with the eyes.

Store in the original container on a plastic pallet, in a cool place. Avoid direct sunlight.

Do not return unused portions of Sanosil S003 to the original container. Do not mix with other products. Keep away from flammable chemical products and combustible materials. Wash away spilled Sanosil S003 with plenty of water and flush to drain. No need to neutralize. Water hazard category 0 (Germany) (not hazardous). Local handling and storage regulations must be observed.

Active Substances / Expiry

Active Substances: up to 1.5% hydrogen peroxide (H₂O₂); up to 0.003% silver (Ag). Expiry: 1 year after delivery date

Authorizations

(Switzerland) BAG T No. 94431 / BAG E No. 1264.

No need to rinse after application (BAG authorization).

Manufacturer

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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. Furthermore, our usual conditions of delivery and payment apply.