Sanosil S010

Ready-to-use disinfectants for surfaces

KKM Approved
Product Registration Number: SD20220400010

INEOGIENE SDN. BHD. (1317881D)
No. 21, Lorong Valdor Jaya 3, Golden Gateway Perindustrian Valdor, 14200 Sungai Jawi, Pulau Pinang.
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PRODUCT DESCRIPTION

Sanosil S010 is a sporicidal surface disinfectant with a high active ingredient content and a long-lasting depot effect. It is based on the proven Sanosil hydrogen peroxide/ silver formulation and does not release any flammable or unpleasant vapours. S010 is approximately 300% stronger than the Sanosil S003 surface disinfectant and is suitable for applications with high microbiological loads / increased requirements.

Hydrogen peroxide is used as the active ingredient, which is carefully stabilised and its effect against microorganisms is substantially strengthened by adding 0.005% silver. This can increase the disinfection effect by approximately 800%.

After application, hydrogen peroxide completely decomposes into water and oxygen. The smallest traces of silver remaining on the surface after disinfection prevent germs from multiplying for a period of up to 72 hours.

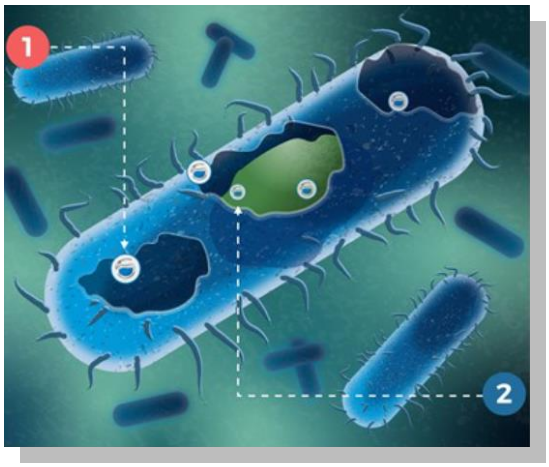
Sanosil S010

HOW IT WORKS

1

The oxygen (1O2/-O2) released 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 enhance the effect of the per-oxide in a catalytic process.

They also inhibit the metabolism (where present) and the germs' ability to multiply.

OVERVIEW

PRODUCT TYPE
Ready To Use

SUITABLE FOR
- Wipe disinfection procedure
- Targeted spraying with device

EFFECTIVE AGAINST
Bacteria, yeasts, enveloped / Non-enveloped viruses, fungi, Endospores

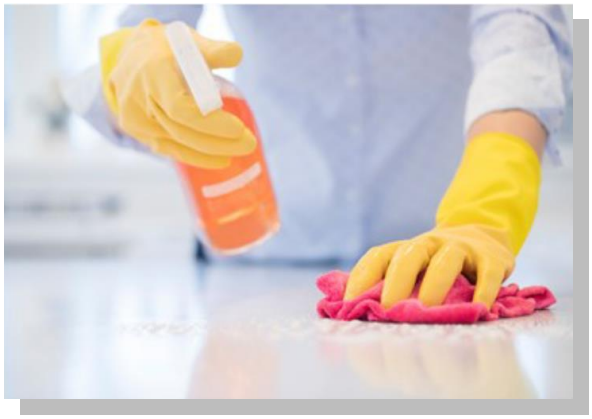
SHELF LIFE
2.5 years

CONTAINS
5g/100g of hydrogen peroxide, 0.005g/100g of silver

DISINFECTION : INCIDENTAL INFORMATION

Note 1: No matter which disinfectant is used, the disinfection effect is always higher if the surface to be disinfected is cleaned as thoroughly as possible in advance.

Note 2: The spray-and-wipe disinfection method or applying the disinfectant with a moistened wipe is significantly more effective than spraying it on. Spraying alone (especially with a handheld sprayer) can result in gaps in effectiveness and therefore must be avoided.



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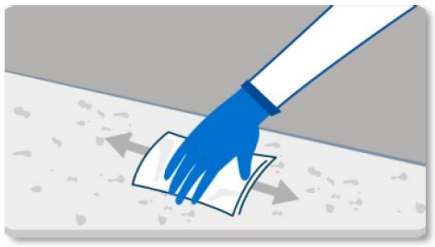
SURFACE DISINFECTION

Spray-and-wipe method

Note: When transferring S010 into spray bottles or similar containers, a label containing information about the contents must be attached to the outside of the container. We can provide matching labels on request.



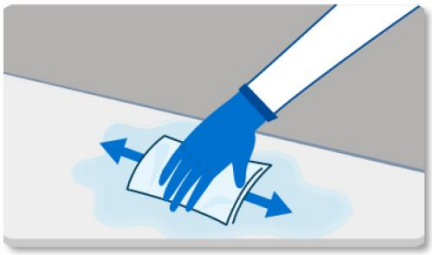
STEP 1

Thoroughly clean the surface to be treated with a rag and a suitable cleaner.

STEP 2

Put on gloves. Dampen a wipe with undiluted Sanosil S010.

Dosage on smooth surfaces:
30-50 ml/m2



STEP 3

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

STEP 4

Allow the agent to dry.
Required time: approx. 15 min.

Note:
When spraying directly with a device, make every possible effort to avoid aerosol formation. Suitable respiratory protection (ABEKP3 filter) must be worn for applications that go beyond normal household areas in order to avoid irritation of the respiratory tract.

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EFFECTIVENESS

STANDARDS / EXPOSURE TIMES

BACTERIA
Bactericidal
EN 16615, high load: 1 min
VAH: high load, with wiping: 15 min
EN 13697, low load, 5 min
EN 13727 high load: 15 min

YEAST
Yeasticidal
EN 16615, high load: 1 min
VAH: high load, with wiping: 15 min
EN 1650, high load: 15 min
EN 13697, high load: 15 min
EN 13624, high load: 15 min

FUNGI
Fungicidal
EN 13697, high load: 15 min
EN 1650, high load: 15 min

VIRUSES
Limited virucide, (enveloped viruses) EN 14476, low load: 1 min

Virucide (enveloped/non-enveloped viruses)
EN 14476, low load: 15 min
EN 14777, high load: 30 min

Noroviruses
EN 14476, low load: 15 min

MYCOBACTERIA / TBK BACTERIA
Mycobactericide / Tuberculocide
EN 14348, low load: 60 min

BACT. ENDOSPORES
Sporicide
EN 13704, low load: 60 min

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SURFACE DISINFECTION

With sprayer – for professional users

Attention:
When using professional spraying equipment, a certain amount of aerosols is always produced, which may be harmful. For this reason, you should always wear a P3 full-face respirator when carrying out extensive spraying work to prevent irritation of the respiratory tract and eyes. (Respiratory protection with gas filter (against hydrogen peroxide)
Filter type: ABEK -P3

STEP 1

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

Fill the required amount of Sanosil S010 solution into the storage tank of a sprayer (e.g. Sanosil Stream / Stream Compact, pressure sprayer with compressed air connection, airless sprayer, etc.).

STEP 2

Select the finest possible atomisation method and spray the surfaces to be disinfected so that a slightly moist surface is created all over them. (Similar to a fogged bathroom mirror when showering.)

Reference value: 30 - 50 ml/m2. Avoid drops/puddles and runs.

Prevent any aerosols that are inevitably formed when spraying disinfectants from reaching parts of the room where there are unprotected persons.

STEP 3

Let the product soak in. For safety reasons, no one should enter the room without protective equipment for up to 2 hours after the disinfectant has been sprayed.

(MAC value for hydrogen peroxide: 1 ppm)

If the MAC value is too high, increase the waiting time or thoroughly ventilate the room. There must not be any disinfectant odour or irritation of the respiratory tract/eyes.

Note: The finer the droplets, the better the wetting. Avoid drops/puddles and runs caused by applying too much disinfectant. If this happens anyway - wipe the affected areas with a wipe before they dry. 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, you can also use pre-moistened replaceable mop covers. For larger surfaces (e.g. sports mats), we recommend using a powerful handheld sprayer for spraying and a mop for wiping.

STEP 1

Thoroughly clean the surface to be treated with a mop and a suitable cleaning agent.

STEP 2

Fill Sanosil S010 solution into the tank of a suitable mop applicator.

STEP 3

Wet the surface with the applicator, making sure that an evenly moist film remains, which will dry in a few minutes. Let the agent take effect/ dry.

DISINFECTION OF SMALL PARTS

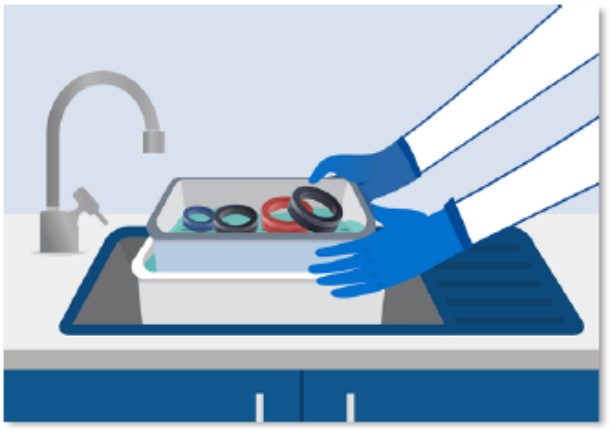
(Seals and O-rings, etc.)

STEP 1

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

STEP 2

Fill Sanosil S010 solution into a container and immerse the parts in it. After a few minutes, remove the parts and let them dry. As long as the Sanosil S010 does not become contaminated, the solution can be used several times.



Use biocides with caution. Always read the label and product information before use.
Our application notes, both in written and verbal form, are based on extensive testing. We provide advice to the best of our current knowledge, but without any obligation insofar as the application and storage are beyond our direct control. Product descriptions or information about the properties of the preparations do not contain any statements concerning liability for any damage.

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