
Sanosil S003

Hygienic hand disinfection (EN 1500)



Disinfectants for Life



SANOSIL®

Sanosil Ltd. Eichtalstrasse 49 CH-8634 Hombrechtikon Switzerland
Tel.: +41 55 254 00 54 Fax: +41 55 254 00 59 e-mail: info@sanosil.com





Disinfectant Sanosil S003 Product description

Sanosil S003 is a highly efficient all-purpose disinfectant, based on hydrogen peroxide and silver. Sanosil S003 is particularly suitable for surface disinfection, disinfection of instruments, equipment and the hygienic hand disinfection. The product has an excellent long-term effectiveness, it is environment-friendly (practically 100% degradable), it is easy and safe to handle and it is 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.



Special properties

- Sanosil S003 does NOT contain any alcohols, phenols, aldehyde, QAC's, flavourings and / or dyestuffs. This means that it can be used by people who have intolerances to any of these substances. Sanosil disinfectants are listed by the DGHM (German Society for Hygiene and Microbiology). (In this respect, a distinction must be made between „Listed by the DGHM“ and „Tested according to DGHM“).
- Sanosil S003 has no unpleasant sensory properties (smell, taste, etc.)
- Sanosil S003 is not basic, which means that it does not damage the acid mantle protecting the skin.
- Sanosil S003 is unflammable (unlike many other products). This minimizes risks during transport, storage and use.
- Sanosil S003 can be used in the food industry without hesitation, too.
Treated surfaces should not be rinsed after they dry.
(Approval by CH-BAG – Swiss Federal Office of Public Health - obtained)

Effectiveness



The excellent effectiveness of Sanosil Disinfectants has been confirmed (DGHM listed): more than 220 tests involving different pathogenic micro-organisms have been carried out up to date by well-known institutions and laboratories of international renown. Sanosil S003 is effective against gram positive and gram negative bacteria, spore forming organisms, viruses (with and without protective coat), yeast, fungi, mould and a wide spectrum of protozoa. A complete list of all tested organisms is available upon request.

Principle of action

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. This gives it an antimicrobial effect several times stronger than that of normal hydrogen peroxide. 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. 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.





Instructions for use (EN 1500)

1. Washing your hands

Wash your hands thoroughly with liquid soap (possibly with a neutral pH and of the re-lipidising type) from the dispenser.

Recommended procedure:

- Cut your fingernails short and file them to smooth off the sharp edges
- Take off any rings, watches and / or other jewellery
- Wash the entire surface of your hands, your wrists and the backs of your hands with warm water and a suitable liquid soap with a neutral pH from the dispenser
- Rub your hands together for at least 15 seconds
- Use a nailbrush if necessary
- Dry your hands with a paper towel
- Close the faucet, if necessary using a paper towel (superfluous for sensor-controlled faucets).

2. Disinfect your hands by means of the standard hand-rub procedure (according to EN 1500)*

Pour 3 ml of Sanosil onto the hollow of one hand and distribute it by means of the standard hand-rub procedure* for 30 seconds over the entire surface of the hands up to your wrists. Then repeat this procedure a second time.



*Standard hand-rub procedure (repeat each step 5 times before going on to the next one)



1.
Palm to palm



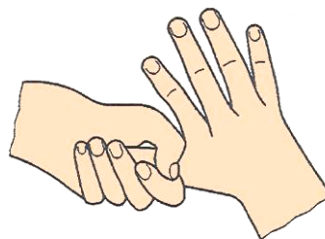
2.
Palm of right hand over back of left hand, palm of left hand over back of right hand



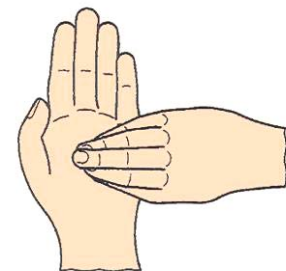
3.
Palm to palm, with fingers spread apart and interlaced



4.
Back of fingers to opposing palms with fingers interlocked



5.
Rubbing of right thumb with the left hand and vice versa



6.
Rotational rubbing and kneading of the palm of the left hand with the tightly aligned fingers of the right hand and vice versa





3. Taking care of your hands after work

Although unlike alcohol-based disinfectants Sanosil S003 does not have the tendency to dry the skin excessively, sooner or later frequent washing, drying and disinfecting will take their toll on your hands. Stressed skin will tend to become chapped and in turn these cracks will provide an excellent substrate for germs. The regular use of suitable hand cream (possibly whenever you take a break) will lower the risk of damaging your skin.

Content

1.5% hydrogen peroxide, 0.003% silver

Shelf Life

Min.1 year from delivery date

Packing Units

Standard packing sizes: containers of 0.5 litre, 1 litre, 5 litres, 10 litres, 25 litres

Manufacturer

SANOSIL Ltd., CH- 8634 Hombrechtikon, Switzerland

Phone: 055 254 00 54, Fax: 055 254 00 59, e-mail: info@sanosil.com, Internet: www.sanosil.com

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

