

Sanosil D10

Drinking water disinfectant and preservative agent in handy tear-up bag



Claims

- Sanosil D10 is a highly effective disinfecting solution with very simple handling.
- D10 eliminates germs, reduces recontamination and extends water preservation.
- D10 is odourless, tasteless; does neither cause irritation of the skin and mucous membranes, nor allergies.
- The Sanosil D10 Disinfectant for drinking water fulfils all requirements worldwide for „ingestion of harmless quantities of silver in drinking water“ with a large safety margin. The WHO recommendations are as well met.

HOW IT WORKS



- 1 The oxygen ($^1\text{O}_2/\text{O}_2$) 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 peroxide in a catalytic process. They also inhibit the metabolism (where present) and the germs' ability to multiply.



SANOSIL
DISINFECTANTS FOR LIFE 

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Areas of application

Disinfection of drinking water in areas with lower hygiene standards. Ideal for use in emergencies, after natural catastrophes and disasters in case of danger of epidemic.

In the private sector, Sanosil D10 is mainly recommended when travelling, camping or trekking, etc. Especially to prevent germ growing in drinking water tanks (boats, caravans).



How to use

Note: Sanosil D10 can kill all pertinent bacteria like Pseudomonas, Enterobacteriaceae, Vibrio, Salmonella etc., but has (like other disinfectants too) no sure effect against intestinal worm eggs or protozoa (like cryptosporidium or amoebae cysts). For this, water from surface waters (cisterns, rivers, ponds, lakes etc.) must be filtered first with a e.g. ceramic filter system. Use only clear, odourless and colourless raw water!

Tear up the Sanosil D10 bag on the marked spot. Pour the content in approx. 10 litres of water. Stir water thoroughly and wait for the disinfectant to react before consuming.

Exposure time for tap water: 30 minutes

Exposure time for well water: 4 hours

Dosage

1 bag per 10 litres of water



Technical data

- Disinfectant:** The disinfectant used in Sanosil D10 is an additionally stabilised solution of the highly effective and trusted Sanosil S003. The Sanosil disinfecting solution used contains approximately 1,5 % hydrogen peroxide and up to 30mg of silver.
- Environment:** After application, the Sanosil Disinfectant decomposes mainly into water and oxygen ($2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$).
- Content and Size of bag:** Content: 16ml Size: 160 x 70 x 5 mm (other volumes and sizes on request)
- Dosage:** One bag per 10 litres of water (other volumes on request)
- Safety precautions:** The Sanosil disinfecting solution should not be splashed into the eyes. Keep out of the reach of children.

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



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