

D'Garde

Antimicrobial Hand Sanitizer



Kills 99.99% of germs & viruses
in 1 minute

Effective against: Bacteria,
germs, viruses (coronavirus,
influenza), biofilms, mould &
yeast

- Alcohol-free
- Acetaldehyde-free
- Methanol-free
- Chlorine-free
- QACs-free
- Eco-Friendly
- Gentle on skin
- Non-flammable
- Non-corrosive
- Safe and easy to handle
- Silver Ions Residue to prevent renewed contamination

Product Description

D'Garde is an antimicrobial hand sanitizer with medical DGHM/VAH certification and long-lasting depot effect.

D'Garde is based on the proven **SANO-D Accelerated Hydrogen Peroxide and Nano Silver Ions Formula** which decomposes practically 100% to water and oxygen after application. No flammable malodorous vapours released. The main active ingredient is the environmentally friendly Accelerated Hydrogen Peroxide, which is stabilized and its effect against microorganisms is massively increased with the aid of Nano Silver Ions

The slightest traces of Nano Silver Ions remaining on hands after disinfection inhibit new microbial growth over a period of up to 18 hours.

Working Principle

1. The oxygen split off by the hydrogen peroxide attacks the cell walls of the microorganisms through oxidation, these are denatured and destroyed.
2. The effect is enhanced by silver ions, which catalytically increases the effect of the Accelerated Hydrogen Peroxide. This forms a bond with the disulfide bridge of certain proteins of organisms, inactivating or precipitating these proteins.



On microbiological examination in accordance with ASTM Standards: E 2315- 2016, the following results were obtained:

Test microorganism	Count of Surviving Test Microorganism, CFU/mL @ 0 minute	Count of Surviving Test Microorganism, CFU/mL @ 1 minutes	Percentage Kill of Test Microorganism, %
<i>Escherichia coli</i> ATCC 25922	1.9 x 10 ⁶	0	99.99
<i>Staphylococcus aureus</i> ATCC 25923	2.4 x 10 ⁶	0	99.99
<i>Pseudomonas aeruginosa</i> ATCC 9027	3.9 x 10 ⁶	0	99.99
<i>Salmonella enterica subsp. enterica serovar Typhimurium</i> ATCC 14028	2.2 x 10 ⁶	0	99.99
<i>Bacillus subtilis</i> ATCC 6633	7.6 x 10 ⁵	0	99.99
<i>Enterobacter aerogenes</i> ATCC 13048 (Coliform)	3.7 x 10 ⁶	0	99.99
<i>Candida albicans</i> ATCC 10231	1.2 x 10 ⁵	0	99.99

Remarks: The above analysis was carried out on neat solution.

Recommended usage instructions

Disinfection of hands by means of the standard hand rub procedure (according to EN 1500)*

1. Apply 1 ml of **D'Garde** onto the hollow of one hand and distribute it by means of the standard hand rub procedure for about 30 seconds over the entire surface of the hands up to your wrists.
2. Let the disinfectant dry, rinsing with water is not necessary.

Precautions for safe handling and storage

- No special measures are necessary.
- Take the usual precautions when handling chemicals.
- Avoid contact with eyes.
- Store out of reach of children.
- Always keep the original container in an upright position.
- Store in normal ambient temperature and avoid direct sunlight.
- Do not return unused portions to the original container.
- Dispose of the contents/container at an approved waste disposal facility.



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