

### THE PRODUCT

In dental surgeries, it is easy for dental unit and patient chair surfaces to become contaminated during patient treatment and thus become sources of microbial infection that, via subsequent contact with hands or instruments, result in the transfer of microbial agents to surgery staff and patients. Cleaning and disinfection of these "clinical surfaces" is thus indispensable for the prevention of cross-infection during dentistry work.

Ster 1 plus, with its alcohol and quaternary ammonium base, is a disinfectant specially designed for the cleaning and disinfection of plastic, painted and glazed surfaces and the padding on dental units and patient chairs. It is particularly suitable for dental surgery surfaces, even delicate ones, thanks to a balanced formula with low alcohol content (40%).

Ster 1 plus is a Medical Device Accessory, carrying the CE mark (EC Directive 93/42).

### COMPONENTS

100 g of product contain:

n-Propanol 25 g; Ethanol 15 g; Quaternary Ammoniums 1.5 g; water.

### ACTIVITY

The disinfectant capacity of STER 1 plus has been demonstrated via microbiological tests, carried out as per international standards, to assess the biocide action of the product against various strains of microorganism.

- **VAH certificate** <sup>(1)</sup>  
by Verbund für Angewandte Hygiene (German Association for Applied Hygiene), thanks to its efficacy in the disinfection of surfaces for hospitals and other health facilities (bactericidal and yeasticidal action).
- **Tuberculicide action** <sup>(2)</sup>  
against *Mycobacterium tuberculosis* ATCC 25177 after 15 minutes of contact in the presence of bovine albumin 0.3 g/l (test as per UNI EN 14563:2009).
- **Virucide action** <sup>(2)</sup>  
against the viruses *Herpes simplex*, Type 1, ATCC VR-733 and *Adenovirus*, Type 2, adenoid 6 strain, ATCC VR-2, in the presence of interfering protein substances, after 5 minutes of contact;  
against the virus *Poliovirus*, Type 1, ATCC VR-192, after 15 minutes of contact in the presence of interfering protein substances (test as per UNI EN 14476:2007).
- **Yeasticidal action** <sup>(2)</sup>  
against *Candida albicans* ATCC 10231 after 5 minutes of contact in the presence of bovine albumin 0.3 g/l (test as per UNI EN 14562:2006).
- **Bactericide action** <sup>(2)</sup>  
against *Escherichia coli* ATCC 10536, *Staphylococcus aureus* ATCC 6538, *Pseudomonas aeruginosa* ATCC 15442, *Enterococcus hirae* ATCC 10541 after 5 minutes of contact in the presence of bovine albumin 0.3 g/l (test as per UNI EN 14561:2006).



<sup>(1)</sup> Certificate for conformity of efficacy with the Requirements issued by the German Society for Hygiene and Microbiology (DHGM). Bonn 29/07/2014

<sup>(2)</sup> Analysis certificates Università di Ferrara - Dipartimento di Medicina Sperimentale e Diagnostica - Sezione di Microbiologia

### USE

THIS PRODUCT IS FOR PROFESSIONAL USE

Ster 1 plus is particularly recommended for the preparation and clean-up of the dental unit work area, before and after patient treatment: apply it on dental unit and patient chair surfaces, as per the instructions on the label. Do not use for any purposes or uses other than those indicated.

### APPLICATION ON SURFACES

Pour STER 1 plus onto a disposable cloth and then wipe it over the surfaces to be disinfected; dry with another disposable cloth. Do not spray directly onto surfaces: use the disposable cloth so that surfaces are wetted with the disinfectant but without it penetrating inside the equipment. Do not operate any controls until treated surfaces are dry again. Do not apply on alcohol-sensitive materials: if you are not sure whether the material is strong enough, try the product out on a small out-of-sight area first.

### WARNINGS AND PRECAUTIONS FOR USE



Contains propan-1-ol

DANGER

H226 - Flammable liquid and vapour.

H318 - Causes serious eye damage.

H336 - May cause drowsiness or dizziness.

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 - Keep container tightly closed.

P261 - Avoid breathing mist/vapours/ spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

### STORAGE

Keep out of children's reach.

Store the product in its original container; ensure it is closed securely, and store in a cool, ventilated place away from flames and sources of heat or ignition.

In the event of a leaking or damaged container gather up the product with absorbent material and rinse with water.

### DISPOSAL

Dispose of the liquid as dangerous waste. Do not dispose of waste in sewage drains. Do not contaminate soil, surface waters or underground waters with the product. The container is made of polyethylene: after rinsing to remove any residue it can be sent for differentiated waste plastic collection, recycling, incineration or disposal at an approved facility.

### NOTES

For further information please refer to the SAFETY INFORMATION SHEET.

The information on this sheet is provided in good faith and according to the best of our knowledge, and does not exempt the user from storing, handling and using it as indicated above and according to proper working practices and hygiene standards.

The product provider cannot be held liable for any consequences deriving from its improper use.

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