

CLEAN SAN HS CLINIC

INDICATIONS

- Hygienic hand disinfection [EN 1500:2013]
- Surgical hand disinfection [EN 12791:2016 + A1:2017]

PROPERTIES AND PRODUCT EFFICACY

Ready-to-use alcohol-based rub-in product. Not irritating.

Proven efficacy according to: **EN 1500:2013** [hygienic handrub] and **EN 12791:2016 + A1:2017** [surgical handrub].

Antimicrobial activity against bacteria (including **MRSA**), fungi and yeast proven according to **EN 13727:2012+ A2:2015** and **EN 13624:2013**.

General virucidal activity against all enveloped* and non-enveloped** viruses proven according to **EN 14476:2013 + A2:2019**.

Coronavirus*, *Influenza virus*, *Paramyxoviridae*, *Hepatitis B virus*, *Hepatitis C virus*, *Hepatitis Delta virus*, *Herpesviridae*, *Measles virus*, *HIV*, *Rabies virus*, *Rubella virus*, *Poxviridae*, *Flavivirus*, *Filoviridae*, *Human T Cell Leukemia Virus (HTLV)*.

***Poliovirus type 1*, *Adenovirus type 5*, *Murine norovirus* as test organisms

Dermatological test: The product meets the requirements of compatibility test with the skin (*Skin Compatibility Test*).

Listing:

- ✓ **BAuA No: N-97052**
- ✓ **VAH RN: N21/149**



CONTRAINDICATIONS

It is not recommended for use in case of hypersensitivity to chlorhexidine or any other ingredient of the product.

COMPOSITION

Active ingredients in 100 ml:

0.8 g chlorhexidine digluconate [D-gluconic acid, compound with N, N'' - bis (4-chlorophenyl) -3,12-diimino-2,4,11,13-tetraazatetradecandiamidine (2: 1)] in 80% ethyl alcohol (CAS No: 18472-51-0)

DIRECTIONS FOR USE

CLEAN SAN HS CLINIC is rubbed undiluted into the dry hands.

Hygienic hand disinfection [EN 1500:2013]:

Apply a sufficient amount of undiluted CLEAN SAN HS CLINIC (at least 3 ml) and rub thoroughly for 30 seconds.

Surgical hand disinfection [EN 12791:2016 + A1:2017]:

Apply a sufficient amount of undiluted CLEAN SAN HS CLINIC (at least 3 ml) and rub thoroughly for 90 seconds.

AREAS OF APPLICATION

The product is suitable in all areas of health care and industry where hygiene is important. For hygienic and surgical hand disinfection:

- Operating theatres

- Intensive care units
- Dialysis units
- In treatment rooms and outpatient departments
- In ambulances
- In laboratories
- Hospital palliative care units
- In home care of patients
- In hospital and canteen kitchens.

PRODUCT ADVANTAGES

The antimicrobial activity of alcohol has been confirmed by numerous studies, which emphasize the effectiveness of alcohol-based products in reducing the inhibition of microorganism growth, especially in the concentration range of 60% - 90%, given that the antimicrobial potential of alcohol drops significantly below 50%^{1,3,4}.

The added chlorhexidine digluconate remains on the skin after the evaporation of alcohol, which reduces the evaporation time of alcohol and significantly increases the effectiveness of the product³. Residual effect is extremely important when choosing antiseptics for surgical preparation of hands, since in the case of products for surgical preparation of hands it is necessary that in addition to the immediate elimination of transient flora antimicrobial effect lasts up to several hours of protective gloves during surgery².

Thanks to broad spectrum action of biguanide chlorhexidine digluconate that acts synergistically in antiseptic products with ethyl alcohol³, this product possesses an excellent immediate effect and provides very good residual effect.

CHEMICAL-PHYSICAL DATA

Appearance: transparent, light blue liquid

Density: 0,85 g/cm³

Flashpoint: 85 °C

pH: 6-7,5 /20°C

AVAILABLE PRODUCT PACKAGING

| | Container | Content |
|------------------------|------------|-------------------|
| CLEAN SAN HS CLINIC | | 100 ml 5 L |
| | Eurobottle | 500 ml 1000 ml |

SHELF LIFE AND STORAGE

Best used by the date marked on package.

Store the product in the original, tightly closed packaging.

CERTIFICATES:

Swisscolor operates in accordance with implemented and certified integrated quality and environmental management system which is based on the requirements of ISO 9001:2015, ISO 14001:2015, ISO 22716:2007 (GMPc) and HACCP.

| CLEAN SAN HS CLINIC | | |
|--|---------------------|---------------------|
| Proven efficacy: | | |
| Efficacy according to EN: | Phase / step | Contact time |
| EN 12791:2016+A1:2017 <i>Surgical Hand Disinfection</i> | phase 2 / step 2 | 1.5 min. |
| EN 1500:2013 <i>Hygienic Hand Disinfection</i> | phase 2 / step 2 | 30 sec. |
| EN 13727:2012+ A2:2015 <i>Bactericidal</i> (Test strains <i>S.aureus</i> , <i>E.hirae</i> , <i>E.coli</i> , <i>P.aeruginosa</i> , <i>P.mirabilis</i>) | phase 2 / step 1 | 15 sec. |
| EN 13727:2012+ A2:2015 <i>Bactericidal - MRSA efficacy</i> (Test organism <i>S.aureus</i> MRSA) | phase 2 / step 1 | 15 sec. |
| EN 13624:2013 <i>Fungicidal and yeasticidal activity</i> (Test organism <i>C.albicans</i>) | phase 2 / step 1 | 15 sec. |
| EN 14348 (2005) <i>Mycobactericidal</i> (Test strains <i>M.terrae</i> i <i>M.avium</i>) | phase 2 / step 1 | 30 sec. |
| EN 14348 (2005) <i>Tuberculocidal</i> (Test organism <i>M.terrae</i>) | phase 2 / step 1 | 30 sec. |
| EN 14476:2013 + A2:2019 <i>Virucidal against enveloped viruses</i> | phase 2 / step 1 | 30 sec. |
| EN 14476:2013 + A2:2019 <i>General virucidal activity</i> (Poliovirus type 1, Adenovirus type 5, Murine norovirus) | phase 2 / step 1 | 2 min. |

PUBLICATIONS

1. World Health Organization. WHO Guidelines on Hand Hygiene in Health Care. Geneva, Switzerland: World Health Organization Press, 2009.
2. WHO Surgical Site Infection Prevention Guidelines. Web Appendix 10. Summary of a systematic review on surgical hand preparation.
3. McDonell G., Russell Denver A. Antiseptics and Disinfectants: Activity, Action and Resistance. Clin Microbiol Rev. 2001 Jan; 14(1):227.
4. Rutala A. W., Weber J.D., Healthcare Infection Control Practices Advisory Committee (HICPAC). Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008.