



## desderman® N

Alcoholic rub for hygienic and surgical hand disinfection

### Our plus:

- effective against viruses like polioviruses, hepatitis B and C viruses
- tested in accordance with European standard EN 1500, EN 12 791
- the inactivation of polioviruses and fungi by desderman® N on the human hand has been confirmed

### Areas of application

- Hygienic hand disinfection
- Surgical hand disinfection

### Microbiological effectiveness

desderman® N is:

- bacterial (incl. TB bacilli) • fungicidal • virucidal for lipophilic and hydrophilic viruses: polio-, rota-, adeno-, vaccinia- and herpes simplex viruses, HAV, HBV, HCV, HIV, noro-viruses

### Dosing instructions and method of use

desderman® N is to be used undiluted. During the contact time for hygienic and surgical hand disinfection, desderman® N should be applied in portions so that the hands remain well moistened during the whole application time.

### Product data

#### Composition

100 g solution contain:

Active ingredients: 78.2 g ethanol 96 %, 0.1 g 2-biphenylol\*

Uses	Use-recommendation
Hygienic hand disinfection	30 sec. (3 ml)
Surgical hand disinfection	3 min. (2 x 5 ml)
Surgical hand disinfection (EN 12791)	1.5 min.
<i>VRE</i>	30 sec.
<i>Listeria monocytogenes</i>	30 sec.
<i>EHEC</i> <i>MRSA</i>	30 sec. 30 sec.
<i>Helicobacter pylori</i>	30 sec.
Virucidal against enveloped viruses (incl. HIV, HBV, HCV) concerning RKI-recommendation Bundesgesundheitsblatt 01-2004	30 sec.
<i>Vaccinia viruses</i>	30 sec.
<i>Polioviruses (with load)</i>	3 min.
<i>Polioviruses (without load)</i>	1 min.
<i>Adeno viruses</i>	1 min.
<i>Rotaviruses</i>	30 sec.
<i>Herpes simplex viruses</i>	30 sec.
<i>Noro-viruses** (EN 14 476)</i>	15 sec.
<i>Hygienic hand disinfection on gloves</i>	1 min.

\* Phenols have been used as ingredients in disinfectants for more than 100 years, as they possess antimicrobial properties. One of the most important phenols is 2-biphenylol, a substance that, among other things, is approved by the WHO for the preservation of citrus fruits, i.e. is a substance used in the proximity of foods. Phenol is exceptionally well tolerated by the environment, and is safe in use, provided that the preparations are used as instructed.

\*\* Murine Noro-Virus according to EN 14 476

## The SELS-test

The frequent use of hand rubs demands for high compliant products in terms of skin compatibility besides the broad microbiological efficacy.

The SELS-test ( Surface Evaluation of Living Skin) has been carried out for testing desderman® N.

Results: Testing of desderman® N on 20 volunteers comparing with a marketed comparative product and control standard showed that this product exhibits an extremely gentle effect on all markers of the skin. (see tables 1 – 4)

## Labelling according to EC-Directives

- R11:** Highly flammable  
**S7/9:** Keep container tightly closed and  
 In a well-ventilated place  
**S16:** Keep away from sources of Ignition - No smoking

## Special notes

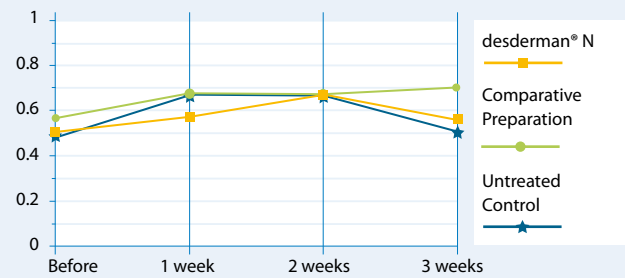
- Flash point 16°C (acc. to DIN 51 755).  
 Do not use after the expiry date.

## Packaging information

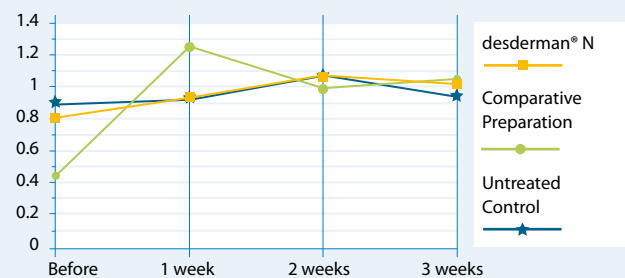
desderman® N is supplied in bottles, canisters and a container. The bottles, canisters and containers are made of polyethylene (HDPE) and are labelled accordingly. The closures are made of HDPE (exception: 1-litre bottle: PP). The labels are made of PE. Sorting is therefore possible for optimum recycling. The 500 l container is a multi-way container made of stainless steel.

## Results in the SELS Procedure:

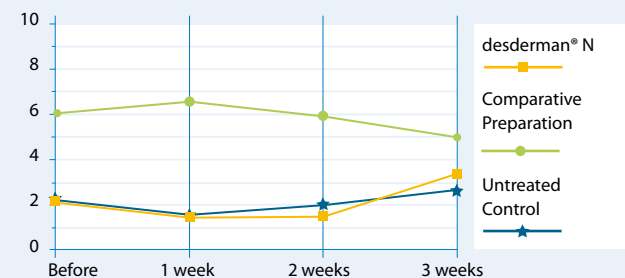
### Skin Roughness in the SELS Test



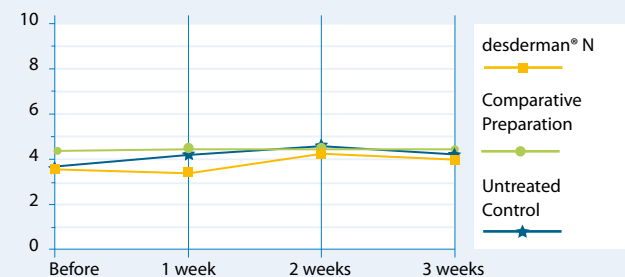
### Skin Scaling in the SELS Test



### Skin Smoothness in the SELS Test



### Skin Wrinkling in the SELS Test



Schülke & Mayr GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 13485 (Reg.-No. 004567-MP23) and has a validated environmental system in accordance with the Eco Audit Regulation (Reg.-No. DE-150-00003).

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