



## **PURELL® Advanced Hygienic Hand Rub**

The company GOJO Industries-Europe Ltd has requested an evaluation of the product PURELL® Advanced Hygienic Hand Rub by National Center for Infection Control (CEI).

PURELL® Advanced Hygienic Hand Rub is an alcohol-based gel intended for hand disinfection and surgical hand disinfection.

The active substance in the product is primarily denatured ethanol. The total alcohol content is approx. 63 (w/w%) equivalent to approx. 70 (v/v%). The content of isopropanol (2-propanol) is less than 1/10 of the total alcohol concentration. The product contain a skin care agent/moisturizer.

Documentation show sufficient:

- Bactericidal efficacy within a contact time of 15 sec and 30 sec. (EN 13727 and EN 1500) and 120 sec. (EN 12791).
- Yeastocidal efficacy within a contact time of 30 sec. (EN 13624).
- Virucidal efficacy within a contact time of 15 sec. for murin norovirus, 30 sec. for adenovirus and 60 sec. for poliovirus (EN 14476).
- Mycobactericidal efficacy with a contact time of 15 sec. (EN 14348).

## **Conclusion**

CEI concludes that PURELL® Advanced Hygienic Hand Rub fulfills the requirements described in the National Infection Hygiene Guidelines (NIR) for disinfection in Danish health care and the coming revised National Infection Hygiene Guidelines (NIR) for hand hygiene regarding antimicrobial efficacy and content of alcohol.

CEI finds the product PURELL® Advanced Hygienic Hand Rub suitable for hand disinfection and surgical hand disinfection in Danish health care.

The evaluation of the current product does not mean that CEI changes the recommendations regarding the use of alcohol for hand disinfection against norovirus.

It should be emphasized that hand disinfectants based on gel, as well as other types of hand disinfectants should be used in such an amount as to obtain a contact time of the recommended 30 sec. for hand disinfection and 120 sec. for surgical hand disinfection as required to achieve the desired antimicrobial efficacy.