

Expertise on the efficacy of Sekusept aktiv against Spores of *Clostridium difficile***Background**

Sekusept aktiv has been tested as an instrument disinfectant in suspension tests and tests under conditions of practice (phase 2 step 1 and 2) against spores of *Clostridium difficile* ATCC 13720 and was found to be effective at 2% with a contact time of 5 min¹⁾. The peracetic acid generating system of Sekusept aktiv has been modified in 2009, whereas concentration of peracetic acid in the use dilution and pH of the use dilutions remained the same. This is an expert's judgement of the efficacy of the new formula against spores of *Clostridium difficile*.

Tests

Old and new formula of Sekusept aktiv were tested in a comparative suspension test according to EN 14347 against spores of *Bacillus subtilis*²⁾. Both formulas showed identical efficacy against this test organism. *Clostridium difficile* can generally be regarded more susceptible to the microbicidal effect of this active ingredient system³⁾. Hence, the following conclusion can be made:

Conclusion

Sekusept aktiv (new formula 2009) is effective against spores of *Clostridium difficile* at a concentration of 2% with a contact time of 5 min.

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- 1) Expertise Prof. Exner, Nov. 5th 2007
- 2) Test report 10.15015, Henkel Competence Center Microbiology
- 3) Büttgen et al., Hyg Med 33 (2008) 513-517

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