

Evaluation of the products OPTIM 1 Wipes

The company SciCan Ltd. has requested an evaluation of the product OPTIM 1 Wipes by National Center for Infection Control (CEI).

SciCan Ltd. claims that OPTIM 1 Wipes are intended for surface disinfection of smaller visibly clean and dry surfaces on non-critical medical equipment, inventory and contact points and OPTIM 1 Wipes should be categorized as an intermediate-level disinfection product.

The product is manufactured as wipes impregnated with a liquid.

The liquid in OPTIM 1 Wipes contain the active substance: hydrogen peroxide (approx. 0.5 w/w%) in an accelerated form.

Conclusion

It is documented that OPTIM 1 Wipes has sufficient antimicrobial efficacy under dirty conditions towards:

- vegetative bacteria with a contact time of 1 minute (EN 13727, EN 13697 and EN 16615)
- yeast with a contact time of 1 minute (EN 13624, EN 13697 and EN 16615)
- fungi with a contact time of 5 minutes (EN 13624: 1 minute, EN 13697: 5 minutes)
- virus with a contact time of 1 minute (EN 14476)
- tubercle bacteria and mycobacteria with a contact time of 1 minute (EN 14348).

CEI concludes, that OPTIM 1 Wipes is suitable for surface disinfection of smaller visibly clean and dry surfaces on non-critical equipment, furniture or contact points where the recommendation is the use of a disinfection product in the intermediate-level disinfection category.

OPTIM 1 Wipes contain a chemical, which could cause allergy. CEI do not normally by principal recommend products containing allergens for use in Danish health care, but as Denmark at the moment is in a situation where there might be a shortage of disinfectants, CEI will make an exception until the situation is normalised.

When using the product it is recommended to wear protective gloves.

Note: CEI recommends cleaning and disinfection performed as two separate procedures, as this is more effective in removing microorganisms than cleaning alone, disinfection alone or cleaning and disinfection in a single procedure.