

Why your facility should clean frequently touched surfaces where organic soils may be present with a PCS Stabilized Bleach Solution (50 to 250 ppm) and PCS Microfibre Cloths.



Low concentrations (50 to 250 ppm) of PCS Sodium Hypochlorite are.

SAFE

Buffered solution can be used without damaging surfaces staining clothes or releasing strong odour.

Buffered solution works synergistically with PCS microfibre cloths cleans without leaving visible residue.

PREVENT SPREADING GERMS

Cleaning solutions can become rapidly contaminated; having PCS buffered sodium hypochlorite as the cleaning solution helps to prevent rapidly spreading germs from cleaning.

Cleaning cloths are potentially contaminated with bacteria some of which may have formed biofilms in the cloths. Having PCS buffered sodium hypochlorite as the cleaning solution helps to prevent rapidly spreading germs from cleaning cloths.

CLEAN PRIOR TO DISINFECTION.

Use a dilute solution of PCS stabilized sodium hypochlorite and microfibre cloths to clean before application of a PCS C difficile sporicidal disinfectant.

<http://www.processcleaningsolutions.com/pdf/cdiff-one-pager.pdf>

CLEAN WITHOUT FEEDING BIOFILMS

Most bacteria grow as part of biofilms. Disinfectant testing is performed on bacteria that are not part of biofilms. Recent scientific publications have demonstrated bacteria in biofilms are commonly found on dry hospital surfaces.

Bacteria in biofilms can be 1000 times more resistant to cleaning and disinfecting processes. Detergents, quaternary detergent disinfectants and other detergent disinfectants deposit organic residues on surfaces cleaned that some bacteria can use as food and for energy to reproduce. Detergent cleaning should be followed by thorough rinsing.

PCS buffered sodium hypochlorite solutions contain no organic ingredients that bacteria could use as food or to provide energy to reproduce.

ENVIRONMENTAL SCIENCE AND TECHNOLOGY

Long-Term Exposure to Benzalkonium

Chloride Disinfectants Results in Change of Microbial Community Structure and Increased Antimicrobial Resistance.

Collectively, our findings indicate that exposure of a microbial community to BACs results in increased antibiotic resistance, which has important implications for both human and environmental health.

http://www.processcleaningsolutions.com/pdf/longterm_exposure_to_quaternary_disinfectants.pdf

QUATERNARY DISINFECTANTS EASILY CONTAMINATED.

Neglecting adequate processing of surface disinfectant dispensers has contributed to frequent and heavy contamination of use-solutions based on surface active ingredients.

In polypropylene microtiter plates biofilm formation was found within a few hours in all three surface disinfectant solutions contaminated with Achromobacter species 3 or Serratia marcescens.

http://www.processcleaningsolutions.com/pdf/poorly_processed_reusable_surface_disinfectant_tissue_dispensers.pdf

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Bringing Science to the Art of Cleaning®