

PCS Hypochlorous Water Cleaning Kit

Contains:

- 11 only 946 ml labelled opaque bottles with 11 all plastic sprayers.
- 1 only 946 ml PCS 1000 Plus Oxidizing Disinfectant Cleaner. DIN:02521431
- 3 Date stickers sheets each sheet has twelve individual month stickers. To at a glance identify which month the diluted product was prepared.
- 3 PCS NANO- G microfibre cloths.

Cloth is designed for PCS to reduce bacterial contamination in cloths. Bacterial contamination in cleaning cloths is a major contributor to pathogen transfer during cleaning.

Directions:

- Fill 946 ml bottle with water to the first rib in neck of bottle.
- Add 50 ml of PCS 1000 Plus Oxidizing Disinfectant.
- The diluted cleaning solution contains 50 ppm of Hypochlorous Water/ hypochlorous acid
- Safe hypochlorous acid concentration that is less than currently used in wound cleansing formulations, eye lid cleansers and in dental water lines to clean and prevent contamination.
- Diluted solutions remain effective for at least 30 days.
- When it is time to refill bottle always dispose of the remaining liquid before adding water to make fresh solution.
- Read label and follow instruction for use.
- Spraying PCS Hypochlorous Water and wiping with PCS NANO-G Microfibre cloth



Surface Cleaning Without Harming Scientifically validated to remove / clean harmful pathogens from frequently touched surfaces.

Study No.: PCS230215-SA-01

Assessment of the Combined Activity of Spraying PCS Hypochlorous Water and Wiping of PCS Microfiber Cloth for Cleaning Hard, Non-Porous Environmental Surfaces and its Microbicidal Activity: Testing with Staphylococcus aureus as a Healthcare-Associated Pathogen

TEST RESULTS

Table 1 shows the results of the testing performed on S. aureus for the QCT-3 test performed on PCS Microfiber cloth and the percent reduction and percent transfer of the test.
 Table 1: The result of QCT-3 test performed on diluted PCS Hypochlorous Water and Microfibre cloth

Product	Control CFU/cm2	Contaminated CFU/cm2	Transfer CFU/cm2	Percentage Reduction	Percent Reduction
Test 1	19,554	181	0	99.07	0.00
Test 2	7,852	48	100	99.39	1.27
Average	13,703.1	114	50	99.17	0.36

Conclusions

The spray and wiping method using diluted PCS Hypochlorous Water and PCS microfibre cloth could reduce the contamination by 99.17% and it just transferred 0.36% of the contamination to the clean surface. The results of this study showed that, under the test conditions specified, spray and wiping with diluted PCS Hypochlorous Water and PCS microfibre cloth efficiently cleaned the contaminated platform and significantly prevented the transfer of infectious bacteria to the clean platform. Such a cleaning process is an effective pre-cleaning method which leaves less than one percent of contamination on the surface for a disinfectant to inactivate.

Study No.: PCS230215-CD-01

Assessment of the Combined Activity of Spraying
Diluted PCS Hypochlorous Water and Wiping of
PCS Microfibre Cloth for Cleaning Hard, NonPorous Environmental Surfaces: Testing with
Clostridioides difficile spores (ATCC 43598) as a Healthcare-Associated Pathogen

TEST RESULTS

Table 1 shows the results of the testing performed on *C. difficile* spores for the QCT-3 test performed on PCS Microfibre cloth and the percent reduction and percent transfer of the test.

Table 1: The result of QCT-3 test performed on diluted PCS Hypochlorous Water and Microfibre cloth

Product	Control CFU/cm2	Contaminated CFU/cm2	Transfer CFU/cm2	Percentage Reduction	Percent Reduction
Test 1	7,178	516	31	92.80	0.43

Conclusions

The spray and wiping method using diluted PCS Hypochlorous Water and PCS microfibre cloth could reduce the contamination by 92.80% and it just transferred 0.43% of the contamination to the clean surface. The results of this study showed that, under the test conditions specified, spray and wiping with diluted PCS Hypochlorous Water and PCS microfibre cloth efficiently cleaned the contaminated platform and significantly prevented the transfer of infectious bacteria to the clean platform. Such a cleaning process is an effective pre-cleaning method which leaves less than ten percent of *C. difficile* spores on the surface for a disinfectant to inactivate.

Current health care cleaning and disinfecting processes expose patients and staff to potent chemical disinfectants. Health care facilities struggle to achieve the desired level of cleanliness health care facilities require.

PCS Hypochlorous Water Surface Cleaning Without Harming removing thousands of *C difficile* spores and tens of thousands of *Staphylococcus aureus* colony forming units. Leaving just a few hundred pathogens for the subsequent application of the disinfectant to deal with. We recommend application of PCS 1000 Plus Oxidizing Disinfectant Cleaner not just for cleaning but as the hospital wide disinfectant of choice.

To disinfect surfaces pre cleaned with PCS Hypochlorous Water and PCS NANO-G microfibre cloth.
Apply PCS 1000 Plus to surface allow to dwell then wipe surface dry, rinse or allow to air dry.

Oxidizing Cleaner.

PCS 1000 Plus Oxidizing power destroys accumulated organic soils that may not be visible.

*Sodium hypochlorite proven to destroy bacterial and viral DNA and RNA.

Oxidizing Hospital Grade Disinfectant

PCS 1000 Plus is a Hospital Grade Disinfectant that can be trusted to be effective against hospital pathogens.

Oxidizing Broad Spectrum Virucide

PCS 1000 Plus is a Broad Spectrum Virucide and is expected to be effective against enveloped and non enveloped viruses.