



## PCS 1000 Plus Oxidizing Disinfectant Cleaner

Powerful disinfectants that are gentle on staff, surfaces and the environment.

Health Canada list of disinfectants likely to be effective against Covid 19, of the more than 700 products listed only Neutral pH PCS 1000 Plus Oxidizing Disinfectant Cleaner list sodium hypochlorite and hypochlorous acid as the active ingredients. The formulation is a very mild category four disinfectant that does not require caution or warning symbols/statements on the label.

PCS Neutral pH products are a combination of hypochlorous acid and sodium hypochlorite that oxidize organic soils, then decompose upon drying leaving no residual disinfectant on surfaces. PCS Buffered pH products form an equilibrium of hypochlorous acid and sodium hypochlorite. The sodium hypochlorite provides cleaning and stability, the hypochlorous acid provides milder solutions with increased disinfection. Sodium hypochlorite oxidizes bacteria from the outer cell surface. Hypochlorous acid penetrates through the bacterial cell wall allowing for cell oxidation to occur simultaneously from the inside and outside of the cell.

### C. difficile Cleaning Process

- 1

Apply **PCS 1000 Plus Oxidizing Disinfectant Cleaner** to the surface to be decontaminated with a **PCS Four Sided Single Use Wiper** or **PCS Microfibre Cloth** or **PCS Toraysee™ Cloth**.
- 2

Wipe the surface twice in the same direction. This will remove 99.9% of *C. difficile* spores.
- 3

Flip the cloth or wiper to the clean side and re-wipe the surface. This will remove any organic soils that may have been left after step 2.



### PCS 1000 Plus Oxidizing Disinfectant Cleaner

This product is a broad-spectrum virucidal hard surface disinfectant that is expected to inactivate the SARS-CoV-2 (the virus that causes COVID-19) Kills 99.99% of bacteria and viruses, Kills 99.99% of germs, Kills Staphylococcus aureus, Pseudomonas aeruginosa, Human Coronavirus, and Adenovirus Type 5 Broad Spectrum Virucide, Bactericide/Virucide PCS 1000 Plus pH – neutral oxidizing disinfectants are available in ready to use or dispense on-demand formats.

#### Ready-to-use

- DIN 02521431
- Oxidizing cleaner
- Oxidizing hospital grade disinfectant
- Oxidizing broad spectrum virucide
- Active Ingredient  
Sodium Hypochlorite  
0.13% w/w when packed  
Hypochlorous Acid  
0.01% w/w when packed

#### Concentrate

- DIN 02521504
- Oxidizing cleaner
- Oxidizing hospital grade disinfectant
- Oxidizing broad spectrum virucide
- Active Ingredient  
2% w/w Sodium Hypochlorite when packed

PCS patented NPH dispenser is preset to dilute and buffer pH of diluted PCS 1000 Oxidizing Disinfectant Cleaner Concentrate. When diluted this product has 0.13 % Sodium Hypochlorite and 0.01% Hypochlorous Acid.

### C. difficile spores inactivating/removing activity using PCS Toraysee™ cloth and HPW.

Product	CFU/cm2			Percent	
	Control	After Wiping	Transfer	Reduction	Transfer
PCS Toraysee™ cloth	7.67 x10 <sup>6</sup>	0	0	100*	0*
HPW	6.67 x10 <sup>6</sup>	~6.67 x10 <sup>6</sup>	2.50 x10 <sup>5</sup>	0**	37.5

\*=No CFU were detected in the eluents tested.

\*\* Almost the same number of CFU was recovered from Contaminated Carriers

Scientifically validated cleaning process with two separate studies to remove 100% of *C. difficile* spores and prevent their transfer. Positive control HPW failed to remove *C. difficile* spores and transferred 37.5% to a previously uncontaminated platform.

#### PCS 1000 PLUS WHITE PAPER

[ASSESSMENT OF ACTIVITY OF PCS TORAYSEETM CLEANING CLOTHS FOR DECONTAMINATING HARD, NON-POROUS ENVIRONMENTAL SURFACES: TESTING WITH CLOSTRIDIUM DIFFICILE SPORES \(ATCC 43598\), STAPHYLOCOCCUS AUREUS \(ATCC 6538\) AND SERRATIA MARCESCENS \(ATCC 13880\) AS REPRESENTATIVE HEALTHCARE- ASSOCIATED PATHOGENS](#)

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