



PROCESS CLEANING SOLUTIONS
Bringing Science to the Art of Cleaning®

PCS Process Cleaning Solutions is a Canadian company devoted to cleaning in such a way as to:

- protect public health
- protect the most sensitive among us
- protect the environment
- prevent the spread of antibiotic resistant bacteria
- Rapid 1 minute hospital grade disinfectant and broad spectrum virucide. Concentrate and RTU
- Reduce the use of high concentrations of sporecidal disinfectants by combining physical removal and chemical inactivation to remove C. difficile spores and biofilm matrix and free Nucleic acids DNA/ RNA



BUY CANADIAN



PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate. Diluted solution are effective Hospital Grade Disinfectant and Broad spectrum virucide in 1 minute.

Save up to 90% versus buying Ready to Use disinfectants.

PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate

Active Ingredient 2% w/w Sodium Hypochlorite when packed.

Oxidizing cleaner
Oxidizing hospital grade Disinfectant
Oxidizing broad spectrum virucide.

DIN: 02521504

When diluted, this product contains 0.13% sodium hypochlorite and 0.01% hypochlorous acid. Regular use of high-level chlorine test strips (to show 1400 ppm available chlorine) is recommended.

To disinfect frequently touched surfaces such as non-critical medical equipment, bed rails, washroom fixtures, and surfaces during outbreaks in healthcare facilities, long-term care settings, schools, and other institutions: Remove visible soil, then apply the diluted solution to the surfaces. Allow the surface to remain wet for **1 minute**. Wipe the surface dry, rinse, or allow to air dry.





PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate DIN:02521504

A very important Innovation

A very special product.

Let's compare it to Clorox Concentrated Disinfecting Bleach 8.25% sodium hypochlorite.

- Shelf life: 12 months
- Hospital disinfecting concentration: 0.24% (2400 ppm)
- Prepare fresh solutions daily.
- Hospital-grade disinfectant contact time: 5 minutes
- Made in United States

PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate

- 2% Sodium hypochlorite
- Shelf life: 36 months
- Hospital disinfecting concentration dilutes to 0.13% (1300 ppm) Sodium Hypochlorite, 0.01% (100 ppm) Hypochlorous acid
- Diluted solutions stored in opaque bottles remain effective for a minimum of 30 days.
- Hospital-grade disinfectant and broad-spectrum virucide contact time: 1 minute.
- When combined with a wiping process, removes *Clostridium difficile* spores, dry surface biofilm matrix and **Free Nucleic acid DNA and RNA**. Hospital pathogens grown in a twelve-day-old biofilm were tested with the same test procedure required for disinfection registration. They were equally susceptible to the 1-minute disinfectant test.

PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate offers the cost benefits of a concentrate and 1-minute hospital disinfectant and broad-spectrum virucide. Also available in ready-to-use PCS 1000 Plus Oxidizing Disinfectant Cleaner DIN: 02521504. Same hospital-grade disinfectant and broad-spectrum virucide with a 1-minute contact time. Institutions, healthcare facilities, schools, municipalities, corporations, and at-home consumers benefit from safer, lower-concentration, rapid 1-minute Sodium Hypochlorite oxidizing, cleaning, and disinfecting.

PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate. PCS controlled Moisture Critical Care Cleaning and Disinfecting. Low residue, low odor, low cost, diluted 1-minute Hospital Grade Disinfectant and Broad Spectrum Virucide.

PCS 1000 Plus Concentrate all-natural formulation contains no synthetic chemicals, perfumes, or dyes. Can be diluted and used as directed by Public Health Agencies across Canada for disinfecting, cleaning, and sanitizing surfaces with Sodium hypochlorite bleach. Contains the same ingredients as *PCS 7000 Oxidizing Disinfectant Cleaner and No Rinse Sanitizer for food contact surfaces DIN: 02314878.



BUY CANADIAN



PCS 1000 Plus Oxidizing Cleaning Process To remove and prevent the spreading of pathogens and for the removal and oxidation of chemical contaminants on frequently touched surfaces. Follow the label oxidizing cleaning instructions to remove soil.



PCS 1000 Plus Oxidizing Disinfectant Cleaner

Active Sodium hypochlorite - 0.13%

Hypochlorous acid - 0.01%

Oxidizing Cleaner

Oxidizing Hospital Grade Disinfectant

Oxidizing broad spectrum virucide

Ready to use. DIN: 02521431

- Kills 99.99% of bacteria and viruses
- Kills 99.99% of germs
- Kills Staphylococcus aureus, Pseudomonas aeruginosa, Human Coronavirus, and Adenovirus Type 5
- 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)

New PCS 1000 Plus Concentrate dilutes to 0.13% Sodium hypochlorite and 0.01% Hypochlorous acid. DIN: 02521504 New label claim for diluted solutions of 1 minute, same as the ready to use.

Switch to PCS 1000 Plus Concentrate, enjoy the cost savings of a concentrate and 1 minute disinfection.

1. Remove visible soil.
2. Apply PCS 1000 Plus Oxidizing Disinfectant Cleaner.
3. Allow 1 minute contact time, allow to air dry, rinse, or wipe dry.

5948-2 PCS 1000 Plus Concentrate 2 x 3.78 closed loop Dilute through SP9200-1000 NPH-Dispenser.

5949-4 PCS 1000 Plus Concentrate 4 x 3.78 Open stock.

PCS 1000 Plus Oxidizing Disinfectant/Cleaner

Ready to Use 5906-6 • 6 x 946 ml flip top lids

5906-4 • 4 x 3.78

6186-6 PCS 1000 PLUS WIPE KIT 6X70/Case

1 Minute Disinfectant

PROCESS CLEANING SOLUTIONS PROUDLY CANADIAN

**SAFE • EFFECTIVE CLEANING
ENVIRONMENTALLY RESPONSIBLE
CLEANING WITHOUT TRANSFERRING PATHOGENS**

NEW Wiping Process to Reduce the Use of Single-Use Disposable Wipes

PCS 1000 Plus Oxidizing Disinfectant Cleaner and PCS Hygienic Microfiber Cloths.

1. Remove visible soil.
2. Apply PCS 1000 Plus with dampened cloth.
3. Ensuring surfaces remain wet for 1 minute
4. Allow to air dry, rinse, and wipe dry.

PCS Hygienic Reusable Microfiber Cloths are designed for cleaning a single patient's space with 1 cloth.

1. [PCS 1000 Plus efficacy on bacteria removed from 12-day old biofilm.](#)

2. [C. difficile spores removing activity using PCS 1000 Plus Oxidizing Disinfectant Cleaner wiping with PCS microfibre cloth and positive control Hydrogen Peroxide Disinfecting Wipe.](#)

3. [PHAC C. Difficile Acute Care Canada](#)

4 [UK Clostridium- difficile - infection how to deal with the problem 2024 Update-](#)

5 [CDI Guidelines Queensland Australia 2024](#)

In a culture survey of 30 hospitals, rates of Clostridioides difficile spore contamination after cleaning and disinfection of non-C difficile infection rooms were lower in facilities using sporicidal disinfectants in all post discharge rooms versus only in C difficile infection rooms (3.6% vs 5.1%, respectively), but the difference was not statistically significant. Additional studies are needed to determine why contamination was not reduced more effectively and to develop interventions to ensure spore eradication in real-world settings.

Published by Elsevier Inc. on behalf of Association for Professionals in Infection Control and Epidemiology, Inc. 2025 Brief Report



Mechanical Wiping Increases the Efficacy of Liquid Disinfectants.

Adding wiping reduced the time to kill 6 logs of SARS-CoV-2 to 5 seconds from 5 minutes

National Microbiology Laboratory, Applied Biosafety Research Program ,Safety and Environmental Services.
Public Health Agency of Canada, Winnipeg, MB



PCS 1000 PLUS Microfiber Cleaning and Disinfecting

Clean and disinfect available plastic bucket and lid : Add PCS work place label

Prepare a 3.78 liter of diluted PCS 1000 Plus through closed loop dispenser or add 250 mls into container and fill with water place work place label on container.

How To Use

1 Remove lid and add 600 mls of diluted solution to labeled bucket this is sufficient to wet 10 PCS microfiber cloths. The 3.78 liter container of Diluted solution is sufficient for 75 cloths

Remove the lid and add one PCS Hygienic Microfibre cloth to the solution. Squeeze excess liquid from the cloth so that it is just damp. It is important to maximize the absorption of pathogens and other soil. This prevents the spreading of pathogens. Place the lid loosely on top of the pail.

2. PCS 1000 Plus rapid 1-minute disinfection, combined with the PCS Hygienic Microfibre cloth's ability to trap and absorb large amounts of contamination, allows one cloth to be used versus multiple single-use disposables. The cloth maintains a high level of available chlorine even after wiping large areas. Use chlorine test strips.

3. Use the wipe-and-go process—allow to air dry.

4. One cloth can be used to oxidize, clean, and disinfect one patient space, replacing many single-use disposable wipes.

5. Do not double dip. Remove visible soil first.

6. Always place the lid loosely on top of the pail.

7. PCS recommends changing solution in bucket daily. Diluted solutions in sealed containers remain effective for at least 30 days.

PCS 1000 Plus Microfiber DOUBLE Wiping Process to remove *C. difficile* spores, Biofilm matrix and Nucleic acid residual DNA and RNA .

Follow steps above then flip micriber to clean side and re wipe surface or wipe dry with clean dry PCS microfiber cloth.

Table 1: *C. difficile* spores inactivating/removing activity using PCS Toraysee™ cloth.

	CFU on Platform			Percent	
	Control	Contaminated	Transfer	Reduction	Transfer
Test #1 (wiping once)	1.70 x10 ⁷	16,568	473	99.902	0.0028
Test #2 (wiping twice)	4.23 x10 ⁷	0	0	100*	0*

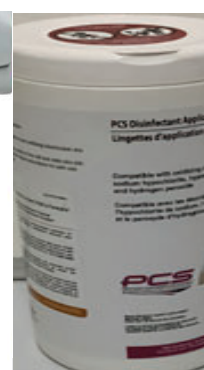
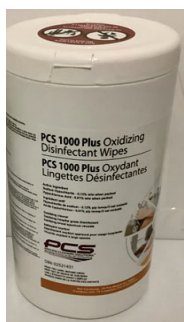
*=No CFU were detected in the eluents tested.

Conclusions

The results of this study showed that, under the test conditions specified, PCS Toraysee™ cloth with PCS 1000 could efficiently decontaminate the contaminated platform and also prevent the transfer to the clean platform of *C. difficile* spores when the wipe was folded again and the wiping process was repeated with the clean side.

1st
BUY CANADIAN

PCS
PROCESS CLEANING SOLUTIONS
Bringing Science to the Art of Cleaning®



SPSP9200

SAFE

- ✓ PCS non-hazardous category for ready to use disinfectant meaning no cautionary symbols are required, buffered pH Sodium hypochlorite - Hypochlorous acid solution.

EFFECTIVE CLEANING

Broad spectrum hospital disinfectant, Broad spectrum virucide and Oxidizing Cleaner.

- ✓ **Use PCS controlled moisture wipe and go allow to air dry process.** PCS 1000 Plus Oxidizing Disinfectant Cleaner Oxidizes and removes chemical contamination removes and prevents transferring bacteria, viruses, mold and C. difficile spores. Ideal cleaning process for use in public spaces, critical outbreak decontamination . Limit the use of and replace higher concentration bleach disinfectants.

ENVIRONMENTALLY RESPONSIBLE

- ✓ PCS controlled moisture wipe and go allow to air dry process Leaves no toxic residue on surfaces or in the environment. Natural formulation contains no synthetic chemicals. Endorsed and certified by the Envirosesic™ Certification Program for Maximum Indoor Air Quality TM and minimum environmental health impact.

CLEANING WITHOUT TRANSFERRING PATHOGENS•

- ✓ PCS controlled moisture damp wiping process is significantly better at removal of pathogens and prevention of transfer of pathogens to adjacent surfaces. Single use premoistened wipes are not as effective at removing or preventing pathogen transfer.

C. difficile spores removing activity using PCS 1000 Plus wiping with PCS Microfibre cloth and positive control Hydrogen Peroxide Disinfecting Wipe

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

C. difficile, Biofilm and Nucleic Acid DNA and RNA Cleaning Process

- 1 Apply PCS 1000 Plus Oxidizing Disinfectant Cleaner to the surface to be decontaminated with PCS Disinfectant Application 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 Wipe surface dry with PCS microfibre cloth This will remove any organic soils that may have been left after step 2.



NPH1000 Sp 9200 WM Dispenser dilutes to 1400 ppm

NPH -LF16 PCS Low Flow Dispenser (1-16) (1GPM) dilutes to 1400 ppm

For institutions that prefer daily use of 500 ppm use #12597 PCS Portable dispenser 1:32 Orange dilutes to 500ppm

For-light duty cleaning and to meet public health no rinse sanitizing of food contact surfaces. Dilute concentrate with 256 parts water with#11684 PCS Portable Dispenser1:256 Burgandy dilutes to 50 to 100 ppm

When public health recommends use of 5000 ppm Sodium hypochlorite Dilute concentrate with 3 parts water.

BTL6051-WC BOTTLES (EMPTY) W/FLIP TOP CAPS, PCS 1000 PLUS WPL 12/c

BTL6051-W BOTTLES (EMPTY) W/TRIGGERS, PCS 1000 PLUS WPL 12/c

BTL6051-4-1000 BTL PCS 1000 4 x 3.78 liter opaque/natural bottles carton and caps included

ELS-6051-G PCS 1000 Plus Oxidizing Disinfectant Concentrate Diluted RTU work place label ELS-6051-500 Ready to use

PCS 1000 Plus diluted to 500 ppm work place label

PCS Hygienic Micro fiber 10 inch x 10 inch 18 grams per cloth, 300 per case. Damp cloth can trap and hold /clean large amount of area.

MF 300-Blue MF 300 Green MF 300- Pink MF 300-Yellow



PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate. # 5948-2 2 x 3.78 liter closed loop.

Dilute with 12597 PCS Portable Dispenser 1:32 Orange.

Follow Public Health guidance for use of everyday disinfection with 500 ppm of Sodium hypochlorite daycare, educational facilities, long term care, food handling and hospitality industries.

Everyday use is safe and effective at protecting public health with many public health department websites listing a two minute contact time for 500 ppm Sodium hypochlorite .

Sodium hypochlorite diluted solutions of 500 parts per million are not corrosive to metals, leave no toxic residues and do not require rinsing after use on many surfaces. Sodium hypochlorite solutions decompose in sewers within minutes of being discharged into sanitary sewers and rapidly decompose to common salt residue on indoor surfaces. PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate DIN: 02521504 with diluted 1400 ppm solution effective as a hospital grade disinfectant and broad spectrum virucide in 1 minute, ideal for disinfecting during outbreaks, is a natural formulation containing no dyes, perfumers or synthetic cleaning ingredients qualifying it to be used as a generic bleach solution. A very stable product with a 3 year shelf life. Diluted solutions in sealed opaque containers remain effective for at least 30 days validate with test strips and are not considered hazardous under WHIMIS criteria.

Use with PCS Hygienic Microfiber cloths to assist in cleaning to prevent spreading germs.

MF300-Blue, MF300 - Green, MF300-Pink and MF300-Yellow microfiber 10" x 10" 6 pkg of 50 per case,



PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate . 5948-2 2 x 3.78 liter closed loop.

Dilute with 11684 - PCS Portable Dispenser 1:256 Burgundy.

Follow Public Health guidance for use of Sodium hypochlorite for no rinse sanitation of food contact surfaces. Use for daily, no rinse cleaning of frequently touched surfaces and floors in public spaces. PCS 1000 Plus Oxidizing Disinfectant Cleaner Concentrate when diluted with 256 parts water, provides low concentration of Sodium hypochlorite sanitizing / cleaning solution that suppresses excessive microbial contamination during cleaning and sanitizing processes. Diluted 256 to 1 dilution provides 75 to 100 ppm available chlorine.

Sodium hypochlorite solutions decompose in sewers within minutes of being discharged into sanitary sewers and rapidly decompose to common salt residue on indoor surfaces. PCS 1000 Plus Concentrate is a very stable product with a 3 year shelf life. Diluted solutions are not considered hazardous under WHIMIS criteria.

Use with PCS Hygienic Microfiber cloths to assist in cleaning to prevent spreading germs.

MF300-Blue, MF300 -Green ,MF300-Pink and MF300 -Yellow-microfiber 10" x 10" 6 pkg of 50 per case,