PROCESS CLEANING SOLUTIONS
Bringing Science to the Art of Cleaning

# Buffered pH PCS 250 Oxidizing Disinfectant/Disinfectant Cleaner

Use to clean frequently touched surfaces.
Apply to surface and wipe dry.

***DIN: 02314843 0.025 % Sodium hypochlorite***

- **SAFE**
- **EFFECTIVE**
- **ENVIRONMENTALLY RESPONSIBLE**
- **CLEANING WITHOUT TRANSFERRING**

- A low concentration of non-caustic,non-toxic, buffered pH, Sodium hypochlorite solution.
- Use to clean frequently touched surfaces.
- Wipe surface and immediately wipe dry with micro fiber cloth or other clean dry absorbent wipe or cloth.

**Removal of hospital pathogens does not require high concentrations of chemicals with high alkali or acid pH values.**

**NEW IMPROVED Cleaning and Bleach Wiper Compatibility.**

**PCS family of Category 4 Disinfectants. Non Hazardous WHIMIS 2015 Criteria.**


#6288 -6 case contains
6 canisters containing 70 wipes 17.8 x 30.4 cm and 6 x 750 ml containers of PCS 250 Oxidizing Disinfectant Cleaner
#5908-6 946 ml x 6
#5908-4 3.78 L x 4

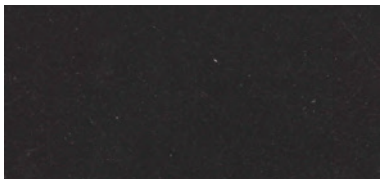
CERTIFIED ENVIRODESIC™

## "Disinfectant Residues Should Be Removed"

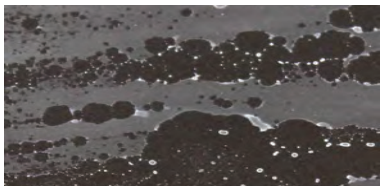
"Widely Used Benzalkonium Chloride Disinfectants Can Promote Antibiotic Resistance"

Biofilms on dry hospital surfaces

Adaptation of host transmission cycle during Clostridium difficile speciation



No Residue



Residue

*CLEANING WITHOUT TRANSFERRING INFECTIOUS DOSE OF PATHOGENS

Neutral PH PCS 250 Oxidizing Disinfectant/Disinfectant Cleaner. A non hazardous low concentration, of non-caustic, non-toxic, neutral pH sodium hypochlorite solution.

Use to clean frequently touched surfaces and shared non-critical equipment such as electronic monitors, I.V. pumps and other medical devices sensitive to cleaning and disinfectant chemical residues.

Apply Neutral pH PCS 250 Oxidizing Disinfectant Cleaner and immediately wipe dry with PCS microfibre cloth.

Proven in multiple hospital trials to reduce environmental contamination to lower levels than currently used one-step cleaning processes.

Prevents damage to equipment and surfaces from chemical residues.

**Directions for use:**
Remove wipe from canister and wipe over area to be cleaned.
Immediately wipe dry with PCS microfibre cloth.
*Remove gross soil before cleaning.

**Caution:** This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Hazardous Products Regulations (WHMIS 2015).

PCS 250 est un Désinfectant oxydant/Nettoyant désinfectant à pH neutre. Une solution à faible concentration d'hypochlorite de sodium à pH neutre, sécuritaire, non caustique et non toxique.

Utiliser pour nettoyer les surfaces fréquemment touchées et les équipements non critiques qui sont partagés tels que les moniteurs électroniques, les pompes à perfusion et autre dispositifs médicaux sensibles aux résidus chimiques provenant des nettoyants ou désinfectants conventionnels.

Appliquer le nettoyant désinfectant oxydant à pH neutre PCS 250 et essuyer immédiatement avec un chiffon sec en microfibre PCS.

Éprouvé lors de multiples essais en milieu hospitalier pour réduire la contamination des surfaces à des niveaux inférieurs à ceux obtenus par un processus de nettoyage en une étape actuellement préconisé.

Prévient les dommages à l'équipement et aux surfaces provenant de résidus chimiques

**Mode d'emploi.**
Retirez la lingette du contenant et appliquer sur la surface à nettoyer.
Essuyez immédiatement avec un chiffon sec en microfibre PCS.
*Enlever la souillure visible avant le nettoyage

**Précaution:** Ce produit n'est pas considéré dangereux selon la norme OSHA sur la communication des dangers de 2012 (29 CFR 1910.1200) ou le règlement sur les produits dangereux (SIMDUT 2015)

# PCS 250 Oxidizing Disinfectant/ Disinfectant Cleaner Wipes

**Active Ingredient:**
**Sodium Hypochlorite**
**0.025% w/w**

# PCS 250 Désinfectant oxydant/Nettoyant désinfectant en Lingettes

**Ingrédient actif:**
**Hypochlorite de sodium**
**0,025% p/p**

## DIN: 02314843

**CAUTION**
**READ THE LABEL BEFORE USING**
**ATTENTION**
**LIRE L'ÉTIQUETTE AVANT L'EMPLOI**

APPLY AND DRY
PCS PROCESS CLEANING SOLUTIONS
CLEANING TO PROTECT PUBLIC HEALTH

Contains 70 wipes/Contient 70 lingettes
17.8 cm x 30.5 cm

Instructions:
- Lift lid on container.
- Slowly pour entire contents of PCS 250 container into opening in lid.
- Pull first wipe from centre of roll and slide into slot.

Instructions:
- Soulever le couvercle sur le contenant
- Verser lentement le contenu entier du contenant de PCS 250 dans l'ouverture du couvercle
- Tirer la première lingette à partir du centre du rouleau et glisser dans la fente

HMIS
PRODUCT IDENTIFIER/IDENTIFICATEUR DU PROUIT

| | |
|---|---|
| 0 | Health<br>Santé |
| 0 | Flammability<br>Inflammabilité |
| 0 | Reactivity<br>Réactivité |
| 0 | Personal Protection<br>Protection personnelle |

SEE SAFETY DATA SHEET
VOIR FICHE SIGNALETIQUÉ

**Manufactured By/Fabriqué par:**
PCS - Process Cleaning Solutions Ltd.
2060 Fisher Drive Peterborough, Ontario K9J 8N4
877-745-7277 www.processcleaningsolutions.com
Made in Canada/Fabriqué au Canada

PSL1320D

# PCS QCT-3-9 Cleaning Process

Cleaning without transferring pathogens to cleaned surfaces.

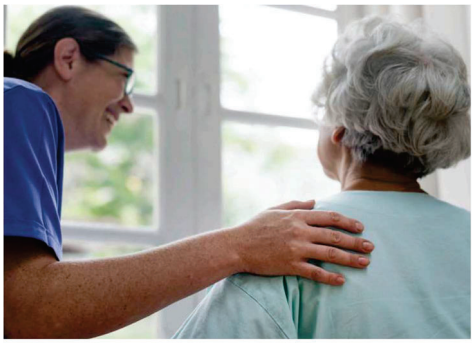
Use to clean frequently touched surfaces. Apply to surface and wipe dry with microfiber cloth or other clean dry absorbent cloth.

Wiping surfaces with pre-moistened disinfecting wipes or cloths removes bacteria, viruses and C. difficile spores but in the process some are transferred to cleaned surfaces.

Using PCS QCT-3 -9 Cleaning Process of apply and dry removes large numbers of pathogens without transferring to cleaned surfaces, including vegetative bacteria, norovirus and C. difficile spores.

## Health care

- Use to Clean frequently touched surfaces when staff, visitors or patients are present
- PCS 250 SDS section 11. Toxicological information
- There are no hazards associated with this product in normal use

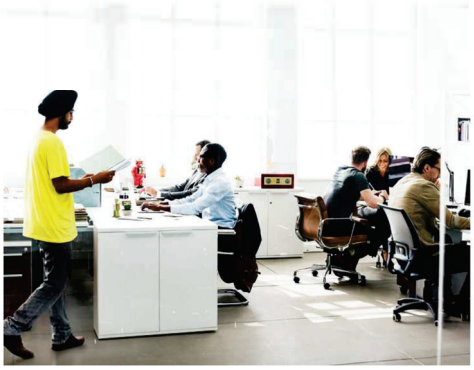


## Long term care

- Use to Clean frequently touched surfaces when staff, visitors or patients are present
- PCS 250 SDS section 11. Toxicological information
- There are no hazards associated with this product in normal use

## Schools and public spaces

- Use to Clean frequently touched surfaces when staff, visitors or students are present
- PCS 250 SDS section 11. Toxicological information
- There are no hazards associated with this product in normal use



## Homeless shelters and daycares

- Use to Clean frequently touched surfaces when staff, visitors or homeless are present
- PCS 250 SDS section 11. Toxicological information
- There are no hazards associated with this product in normal use

## International corporations serving the public

- Use to Clean frequently touched surfaces when staff, visitors or clients are present
- PCS 250 SDS section 11. Toxicological information
- There are no hazards associated with this product in normal use

## Home

- Use to Clean frequently touched surfaces in bathrooms , kitchens and frequently touched surfaces.
  Keep a separate bottle of PCS 250 with a PCS Hygienic microfiber cloth in Washrooms and kitchens .Just Spray and Wipe dry with PCS Hygienic microfiber cloth.

There are no hazards associated with this product in normal use.

## Safety Data Sheet

**11. Toxicological information**

**Routes of exposure:** Eye, Skin contact, Inhalation, Ingestion.

**Information on likely routes of exposure**

**Ingestion:** May cause stomach distress, nausea or vomiting.

**Inhalation:** No adverse effects due to inhalation are expected.

**Skin contact:** No adverse effects due to skin contact are expected.

**Eye contact:** There was no ocular irritation observed in any treated eye during the study - OPPTS 870.2400 (1998)

**Symptoms related to the physical, chemical and toxicological characteristics:** There are no hazards associated with this product in normal use.

# PCS 250 Oxidizing Apply and Dry Cleaning Removes Biofilms

PROCESS CLEANING SOLUTIONS
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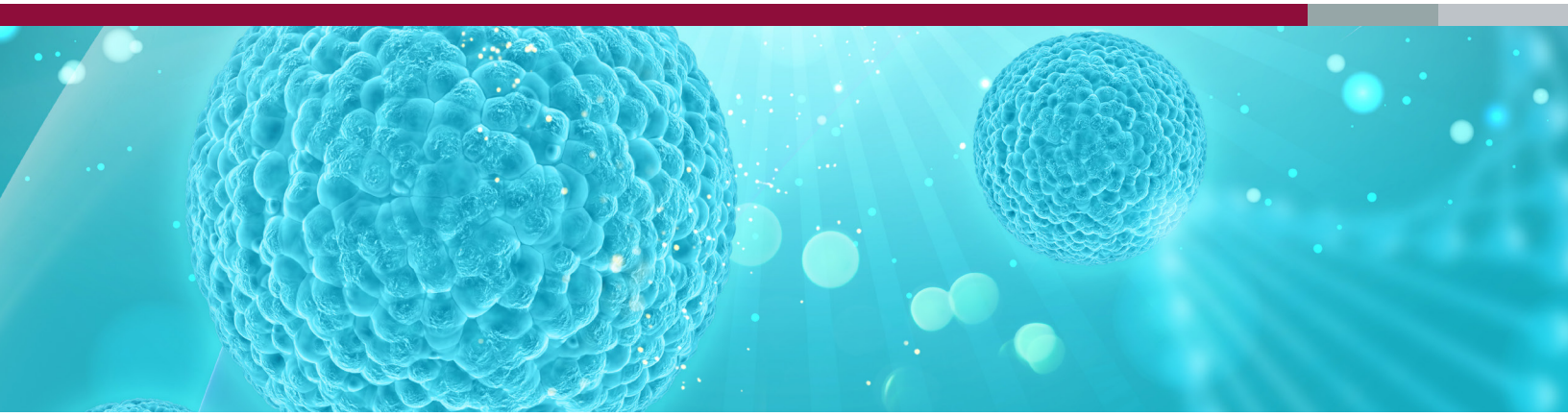


.J Hosp Infect. 2018 Nov;100(3):e47-e56. doi: 10.1016/j.jhin.2018.06.028. Epub 2018 Jul 17.

## BEWARE BIOFILM! DRY BIOFILMS CONTAINING BACTERIAL PATHOGENS ON MULTIPLE HEALTHCARE SURFACES; A MULTI-CENTRE STUDY

*Ledwoch K , Dancer SJ , Otter JA , Kerr K , Roposte D , Rushton L , Weiser R , Mahenthiralingam E ,Muir DD , Maillard JY.*

Multi-species dry biofilms were recovered from 95% of 61 samples. Abundance and complexity of dry biofilms were confirmed by SEM. All biofilms harboured Grampositive bacteria including pathogens associated with HCAI; 58% of samples grew meticillin-resistant Staphylococcus aureus. Dry biofilms had similar physical composition regardless of the type of items sampled or the ward from which the samples originated.

The presence of dry biofilms harbouring bacterial pathogens is virtually universal on commonly used items in healthcare settings. The role of dry biofilms in spreading HCAIs may be underestimated. The risk may be further exacerbated by inefficient cleaning and disinfection practices for hospital surfaces.

## 2. THE ROLE OF DRY SURFACE BIOFILM IN SPREADING HOSPITAL PATHOGENS

This simple lab study evaluated the amount of Staphylococcus aureus that were transferred from dry surface biofilms grown on glass and plastic coupons. Volunteers pinched the coupons on which the dry surface biofilms were grown, and then touched agar plates. In order to test the possibility of sequential transfer from hands, the volunteers touched a series of 19 agar plates (without touching the coupons again).

Around 5% of the S. aureus on the coupons was transferred to volunteers hands, and 1% to the agar plates via contaminated volunteers hands. While this doesn't sound like much, when you start with a couple of million bacteria, even 1% is a significant amount of bacterial transfer (around 20,000 or 105 cells) Worryingly, bacteria were transferred to agar plates for up to 19 sequential transfers.

The study also modelled whether detergent cleaning of the biofilms would help to mitigate the transfer of bacteria. However, in the case of the plastic coupons, wetting them with detergent actually made things worse, increasing the rate of bacterial transfer to the agar plates from 1% to 5% Perhaps this is because the physical action of cleaning the coupons mobilised bacteria in the biofilms?

## 3 HOSPITAL CLEANING WITHOUT LEAVING DETERGENT RESIDUES

Buffered pH PCS 250 Oxidizing Disinfectant/Disinfectant Cleaner

Use to clean frequently touched surfaces.

Apply to surface and wipe dry.

- **SAFE, EFFECTIVE**
- **ENVIRONMENTALLY RESPONSIBLE**
- **CLEANING WITHOUT TRANSFERRING PATHOGENS**


## Cleaning to a Scientifically Validated Standard

Testing PCS Apply and Dry cleaning process with CREM CO labs newly developed third tier of Quantitative Carrier Test Method(QCT-3) to asses decontamination of high touch environmental surfaces HITES) with the incorporation of field –relevant wiping.

PCS Apply and Dry results demonstrated significantly better removal of pathogens and prevention of transfer of pathogens to adjacent surfaces . Previous QCT-3 studies demonstrated wiping high touch surfaces with pre moistened wipes or cloths transferred Murine norovirus and C.difficile spores to clean surfaces , this occurred with all major classes of disinfectants.

QCT-3 Field relevant laboratory testing data needed to be confirmed under actual use conditions in the patient care environment.PCS contracted NSF International to do microbial audits pre and post cleaning in three separate health care facilities. A large teaching facility in Michigan, a new teaching hospital and a community hospital in Montreal Quebec .

Microbial auditing of the environment pre and post cleaning provides a very accurate measurement of the effectiveness of hospital cleaning practices.

Previous studies have recommended that cleaning should reduce aerobic plate counts to below 2.5 Colony forming units (CFU) per square centimetre for cleaned surfaces.

However many professionals currently recommend that cleaned surfaces should have less than 1 colony forming unit per square centimetre after cleaning.

In all three facilities surfaces where sampled pre and post cleaning and two of the three hospitals in addition to aerobic plate counts samples were also analysed for presence of C.difficile spores.

Samples were taken in multiple rooms for multiple days with hospitals current cleaning process. Staff where then trained on how to clean using PCS Apply and Dry process. Testing pre and post cleaning were again taken in multiple rooms and days.

### PCS Apply and Dry Process

PCS low concentration, of non caustic, non toxic, neutral pH sodium hypochlorite solution Applied to surface by spray, pre moistened wiper or microfibre cloth and immediately wiped dry with PCS microfiber cloth.

Cleaning to a scientifically validated standard of less than 1 CFU per square centimeter on average is possible using PCS Apply and Dry process. Better cleaning equals fewer outbreaks. The use of disinfectants potent enough to kill spores like C. difficile should be limited to outbreaks and discharge cleaning of special pathogens, they are no longer needed for everyday cleaning of the health care environment.

### Cleaning to Protect Public Health.

**Vegetative Bacteria (S. aureus and S. marcescens)**
Average CFU per square centimetre

| | CFU/cm2 | | | Percent | | Average Percent | |
|---|---|---|---|---|---|---|---|
| Product | Control | After Wiping | Transfer | Reduction | Transfer | Reduction | Transfer |
| **Apply & Dry Test 1** | **27,000** | **0** | **0** | **100** | **0** | **100** | **0** |
| **Apply & Dry Test 2** | **35,000** | **0** | **0** | **100** | **0** | | |

**C. difficile spores**
Average CFU per square centimetre

| | CFU/cm2 | | | Percent | | Average Percent | |
|---|---|---|---|---|---|---|---|
| Product | Control | After Wiping | Transfer | Reduction | Transfer | Reduction | Transfer |
| **Apply & Dry Test 1** | **27,000** | **3.57** | **0** | **99.99** | **0** | **99.95** | **0** |
| **Apply & Dry Test 2** | **9,240** | **8.15** | **0** | **99.91** | **0** | | |

**Murine Norovirus**
Average PFU per square centimetre

| | PFU/cm2 | | | Percent | | Average Percent | |
|---|---|---|---|---|---|---|---|
| Product | Control | After Wiping | Transfer | Reduction | Transfer | Reduction | Transfer |
| **Apply & Dry Test 1** | **4,333** | **0** | **0** | **100** | **0** | **100** | **0** |
| **Apply & Dry Test 2** | **18,386** | **0** | **0** | **100** | **0** | | |

**Results**
Average hospital colony forming units (CFU) Pre and Post cleaning existing processes

| | Pre CFU | Post CFU |
|---|---|---|
| **1. Community Hospital medical ward 60% isolation patients Daily cleaning with hydrogen peroxide disinfectant cleaner** | **6.33** | **3.18** |
| **2. Michigan Teaching Hospital daily sporicidal cleaning** | **10.9** | **4.61** |
| **3. New teaching hospital daily cleaning with Quaternary disinfectant cleaner** | **4.12** | **0.601** |

**Results**
Average hospital colony forming units (CFU) Pre and Post cleaning
PCS Apply and Wipe Dry Process

| | Pre CFU | Post CFU |
|---|---|---|
| **1. Montreal Community Hospital** | **3.91** | **0.60** |
| **2. Michigan Teaching Hospital** | **10.9** | **1.53** |
| **3. New Teaching Hospital Montreal** | **7.84** | **0.263** |

| | Pre CFU | Post CFU |
|---|---|---|
| **AVERAGE OF THE THREE HOSPITALS CURRENT CLEANING PROCESESS** | **5.01** | **2.797** |
| **AVERAGE OF THE THREE HOSPITALS PCS Apply and Dry Process** | **7.55** | **0.798** |

No C. difficile spores where detected in any of the samples tested.

### Reports


Assessment of the Combined Activity of Spray and Wiping for Decontaminating Hard, Non-Porous Environmental Surfaces: Testing with Healthcare-Associated Pathogens

Assessment of the Combined Activity of Spray and Wiping for Decontaminating Hard, Non-Porous Environmental Surfaces: Testing with Mouse Norovirus (MNV) as a representative Healthcare- Associated Pathogen

ACC Analysis of 146 samples C. difficile analysis of 72 post-cleaning samples

ACC Analysis of 111 samples with NSF International

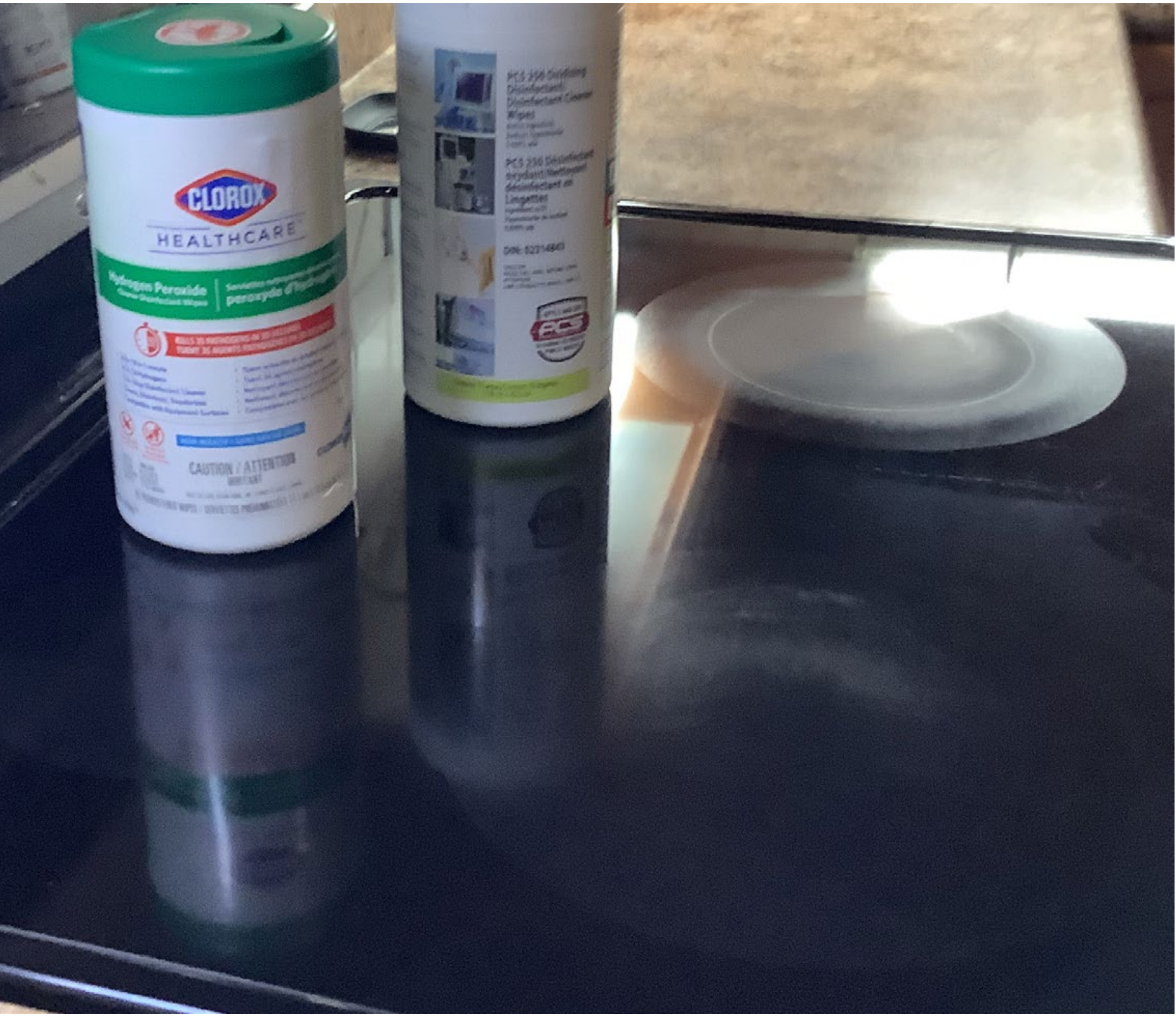
ACC and Clostridium difficile Analysis of 195 total samples evaluating University Hospital's current Sporicidal Disinfection Procedure and PCS' Cleaning Process with NSF International

# Rethinking Hospital Cleaning Methods and Materials

The guiding principle is to remove germs rather than kill them and when necessary, use the smallest amount of the mildest disinfectant.

*By J. Darrel Hicks, Contributing Writer*

# One Step versus PCS Apply and Dry



Clorox Healthcare

# Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant Wipes, 95 Count Canister (Package May Vary)

95 Count

00044600308241



Ingredients that appear on a California Cleaning Products Right to Know Act Designated List or are fragrance allergens included on Annex III of the EU Cosmetics Regulation No 1223/2009 are indicated by the DL symbol.

- Water (Agua)
- Glycol Ether (Éter de glicol)
- Hydrogen Peroxide (Peróxido de hidrógeno)
- Tripropylene Glycol Methyl Ether (Tripropilenglicol Metil Éter) DL
- Alkoxylated Phosphate Polymer (Polímero de fosfato alcoxilado)
- Phosphoric Acid (Ácido fosfórico) DL
- Sodium Hydroxide (Hidróxido de sodio) DL
- Salicylic Acid (Ácido salicílico)
- Glycol Ether (Éter de glicol)

Substituted Benzensulfonic Acid (Ácido bencensulfónico sustituido)

Sodium Chloride (Cloruro de Sodio)

Lauryl Betaine (Lauril betaína)

Dipropylene Glycol (Dipropilenglicol)

Tetrasodium Iminodisuccinate (Iminodisuccinato de tetrasodio)

Myristyl Betaine (Miristil Betaína)

Confidential Stabilizer Package (Paquete Estabilizador Confidencial)

Cetyl Betaine (Betaína de Cetilo)

View safety data sheets

Information on the date of manufacture of a designated product may be obtained by calling 800-227-1860.

Information updated on 3/4/2023

Manufactured By THE CLOROX SALES COMPANY

Feedback for SmartLabel

EWG's Guide to
Healthy Cleaning

HAZARD SCORE RANGE

Best | EWG VERIFIED® | A | B | C | D | F | Worst

HOW WE DETERMINE SCORES

LEARN MORE ABOUT EWG VERIFIED®



# F Cloroxpro Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant

| Chemical Name, Common Name & Synonyms: | CAS # |
|---|---|
| Water | 7732-18-5 |
| Sodium hypochlorite | 7681-52-9 |
| Acetic acid | 64-19-7 |
| Sodium hydroxide | 1310-73-2 |
| Sodium bicarbonate | 144-55-8 |
| Sodium carbonate | 497-19-8 |
| Sodium Chloride | 2836-32-0 |

PCS 250 Oxidizing Disinfectant Cleaner

DIN : 02314843  Contains

All natural organic and inorganic ingredients

THE *ENVIRODESIC*™
CERTIFICATION PROGRAM FOR MAXIMUM
INDOOR AIR QUALITY™ & MINIMUM
ENVIRONMENTAL HEALTH IMPACT™

*ENVIRODESIC*™ TECHNOLOGY:
SUSTAINABLE BUILDINGS, PRODUCTS &
SERVICES THAT MAKE MORE SENSE™

# PCS NPH Products and Microfibre Wiping Process

## CERTIFICATION SUMMARY

Rev13Sep17-1050

### CERTIFICATION STATEMENT

PCS Stabilized Neutral-pH Sodium Hypochlorite/Hypochlorous Acid (NPH) products, as formulated by Michael Rochon of Cogent Environmental Solutions, Mulmur, Ontario, and as manufactured by Process Cleaning Solutions Ltd. (PCS), along with the QCT-3 validated PCS Microfibre Wiping Process, are together certified under the *Envirodesic™* Certification Program as suitable cleaners and a suitable cleaning process where maximum pathogen removal is required, and where Maximum Indoor Air Quality™ and minimization of health risks is preferred. This certification covers PCS Spray and Wipe Hand and Surface Cleaner, PCS 250 Oxidizing Disinfectant/Disinfectant Cleaner (New Neutral pH Formulation), NPH 160 Neutral pH Oxidizing Spray Cleaner Disinfectant and No Rinse Sanitizer, PCS 7000 Oxidizing Disinfectant (diluted to neutral pH with water treated with PCS Neutralizing solution), PCS Microfibre Cloths and similar PCS NPH products yet to be formulated. The certification also covers other forms of packaging of the various PCS NPH formulas, as manufactured by PCS, whether for private label or for specialty applications, provided that the formulation of the concentrates involved are identical to that of PCS NPH Products herein certified.

### SCIENTIFIC BASIS FOR CERTIFICATION

*Envirodesic™* Certification for PCS NPH Products, as applied using the PCS Microfibre Wiping Process, is based primarily on evidence provided to *Envirodesic™* by Cogent, in which these products and their associated environmental surface decontamination process have been validated using a newly developed third tier of the Quantitative Carrier Test Method (QCT-3) created by CREM Co Labs to assess decontamination of high-touch environmental surfaces (HITES) by field-relevant wiping. There are three primary properties of the PCS NPH Products and Microfibre Wiping Process that merit their inclusion under *Envirodesic™* Certification:

1. Through the use of their microfibre wiping procedure and through application of neutral-pH hypochlorous acid, they significantly reduce organic surface contamination. For example, testing completed in September 2017 by CREM Co. Labs using the QCT-3 procedure shows that in a mixed vegetative bacteria (*Staph. aureus* and *S. choleraesuis)* and *C. difficile* spore environment, Neutral pH PCS 250 Oxidizing Disinfectant Cleaner resulted in 100% reduction in vegetative bacteria with zero transfer to clean surfaces and reduction of *C. difficile* spores to less than 1 cfu/cm$^2$ after wiping, with less than 1 cfu/cm$^2$ transferred to clean surfaces. Their effectiveness in reducing surface contamination can also be verified in situ by cleaning staff, with the use of ATP monitors.
2. They drastically reduce the amount of chemical intervention, along with its associated environmental, occupational and occupant health risk from toxicity (e.g. from concentrated hypochlorite or quaternary ammonia compounds) that is required to clean environmental surfaces, as well as reduce potential damage to equipment and surfaces. By doing so they represent a significant step towards reducing and eliminating the problematic use of disinfectants and disinfectant cleaners.
3. Cogent Environmental and PCS are notably advanced in terms of full public disclosure of ingredients and their use of mostly naturally occurring inorganic ingredients (deionized water, acetic acid, NaOH, soda ash dense food grade, sodium chloride, sodium hypochlorite and sodium bicarbonate USP#1 powder). The products could theoretically be produced for hundreds of years without causing significant resource depletion, As such, the products are a significant advancement towards sustainable cleaning.

### ADDITIONAL SUBJECTIVE INFORMATION REGARDING ENVIRONMENTAL HYPERSENSITIVITY

Because these products and methods do not rely on leaving residues but rather on efficient removal of biofilms, it is our opinion that they are generally suitable for use in installations occupied by and/or designed for environmentally hypersensitive persons. However, some of the products do have a mild bleach odour and it has not yet been determined whether the products are suitable for direct use by environmentally hypersensitive persons. Hypersensitive individuals are cautioned to test cleaners for compatibility with their own sensitivities.

### SUITABILITY FOR USE IN PUBLIC BUILDINGS INCLUDING HEALTH CARE AND EDUCATIONAL INSTITUTIONS

PCS NPH Products, as applied with the PCS Microfibre Wiping Process, are highly suitable for use in public buildings, including hospitals, nursing homes, schools, government buildings, etc. The easiest way to lower surface contamination is by mechanical soil removal, and the easiest way to lower indoor air pollution immediately is to convert to low-emission cleaning products. PCS NPH and the Microfibre Wiping Process together provide a competent first cleaning step of removal of organic debris that will minimize the need for any further disinfecting of surfaces.

Bruce M. Small, Director
*Envirodesic™* Certification Program

***Envirodesic™* Certification is an ongoing process whereby additional data and consumer experience is added to a product file as it becomes available. Persons wishing to ask questions about the certification criteria or the suitability of the product for different populations are invited to contact the *Envirodesic™* Certification Program at our office below.**

Bruce Small, Director, Envirodesic (Toronto Office), 21 Carlton St., Unit 3407, Toronto, Ontario Canada M5B 1L3 Tel: 416-598-4888
Web page: http://www.envirodesic.com Enquiries: enquire@envirodesic.com