



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

- *protect public health*
- *protect the environment*
- *protect the most sensitive among us*
- *prevent the spread of antibiotic resistant bacteria*



## The PCS Definition of cleaning to protect public health is as follows:

“Removal of organic surface contamination to very low levels not visually apparent, validated by scientific measurements with ATP monitoring or microbial testing.”

PCS cleaning processes are highly effective at maximizing the removal of organic microbial contamination from environmental surfaces, while minimizing prolonged residual toxic chemical exposures



### 1. CLEANING TO PROTECT PUBLIC HEALTH

Successful removal of environmental surface contaminants in any commercial, institution or health care environment can be challenging. Aesthetic appearances can be misleading, as visibly clean surfaces are not a good indication of organic debris and microbial contamination. Cleaning with antimicrobial cleaners registered with Health Canada and relying on visual cleanliness alone provides a false sense of security, since organic debris and microbial contamination can still survive, depending on the process used and the type of sur-

faces cleaned.

PCS offers a number of Health Canada DIN-registered Disinfectants. Disinfectant Cleaners for use on hard non porous environmental surfaces in health care facilities, institutions, schools and the hospitality industries. PCS is committed to working with industry cleaning staff, institutional managers, public health officials and infection control to develop and provide the most effective Process Cleaning Solutions and methods, as validated by onsite ATP monitoring of cleaning efficacy.

### 2. CLEANING TO PROTECT THE MOST SENSITIVE AMONG US

PCS is committed to protecting vulnerable populations, including chemically hypersensitive individuals, children, the elderly and hospital and chronic care patients, all of whom can be adversely affected by organic or chemical contamination of the indoor environment.



### 3. CLEANING TO PREVENT THE SPREAD OF ANTIBIOTIC RESISTANT BACTERIA

PCS cleaning processes are highly effective at maximizing the removal of organic microbial contamination from environmental surfaces, while minimizing prolonged residual toxic chemical exposures. We encourage the use of procedures that include an effective, verifiable cleaning step that physically removes bacteria and organic debris from environmental surfaces.

For cases that require it, PCS markets disinfectants/disinfectant Cleaners that offer a lower dosage, greater stability, and greater safety than other current technologies. We work with client organizations to help determine how to minimize the use of disinfectants while still achieving and verifying the necessary level of hygiene.

## EVIDENCE BASED CLEANING PRACTICES

Caution biodegradable detergent residues feed bacteria providing nutrition needed for growth on surfaces and cleaning cloths.

# SPECIFIC PCS PROCESS CLEANING SOLUTIONS ARE AVAILABLE FOR HEALTH CARE, INSTITUTIONS, HOSPITALITY, LEARNING CENTRES AND SERVICE PROVIDERS FOR USE WITH MICROFIBRE AND TRADITIONAL CLEANING CLOTHS:

## ORGANIC CLEANING

PCS has a family of organic cleaning solutions that are designed to be safe. Many have insufficient health risk to be classified as hazardous under WHMIS. We have developed cleaning processes that effectively remove soil and prevent spreading contamination from cleaning and can clean to a scientific standard proposed by the world Federation of Building Service Contractors.

### PCS MICROCLEAN HARD SURFACE CLEANER

Designed for enhanced removal of organic soils including bacteria with microfibre cloths. Cleaning of floors with flat mop or traditional mopping equipment & all above floor daily cleaning tasks.

- #5943-6 • 946 mL bottle
- #5943-4 • 4 x 3.78 L bottle
- #5942-4 • 4 x 3.78 L dispenser package
- #5940-2 • 4 x 2 L dispenser package
- #5942-BTL • Silked Screen Bottle 24 oz.



### PCS FRICTION HARD SURFACE CLEANER

One cleaner for all daily cleaning tasks including bathrooms and most commonly touched surfaces in health care facilities, institutions, schools, at the office and at home.

- #5978-4 • 4 x 3.78 L closed loop dispenser
- #5978-6 • 6 x 946 mL dispensing bottle
- #6070-6 • 6 x 946 mL



### PCS CALCIUM, LIME & RUST REMOVER

Gently removes soils without harming staff, surfaces cleaned or the environment, suitable for use around chemically hypersensitive individuals. Non Hazardous by WHMIS criteria.

- #5914-6 • 6 x 946mL containers



### PCS BOWL & BATH

Environmentally responsible natural cleaner suitable for use in and around chemically hypersensitive individuals. Non Hazardous by WHMIS criteria.

- #5915-6 • 6 x 946 mL containers



### PCS PROCESS MICROLAUNDRY

An effective, all natural cleaner that removes both organic and microbial contaminants from microfibre cloths without damaging fibres.

- #5935-4 • 4 x 3.78 L containers
- #5936-18 • 18.9 L



### PCS EPS FIRST STEP

EPS First Step Cleaning Powder: Can be used for everyday cleaning tasks, such as walls, floors, carpets, laundering microfibre cloths, mops and the removal of accumulated soil buildup in HE washing machines. But most importantly, is designed as the first step in the two step process of Sanitization and Disinfection.

- #6031 • Powder 3.5kg Bucket
- #6032 • Powder 12 x 900g



### PCS MICROFIBRE DESTAINER

Stabilized, low concentration sodium hypochlorite destainer designed to remove embedded stains and oxidize organic soils from microfibre cloths and floor mops.

- #5944-4 • 4 x 3.78 L containers
- #5944-18 • 18.9 L



### PCS CARPET CLEANER

An all natural way of cleaning carpets, can be effectively used with most carpet cleaning techniques.

- #5957-4 • 4 x 3.78 L open stock



# NEXT GENERATION OF CLEANING, DISINFECTING AND SANITIZING

Cleaning better removes more pathogens.  
Using less chemistry is safer for staff, the environment and hospital equipment.  
Consider one hospital wide cleaning process.

## PCS Stabilized Neutral-pH Sodium Hypochlorite (NPH) Which Also Contains Stable Hypochlorous Acid.

### REDUCED CHEMICAL EXPOSURE AND RESIDUES.

Tired of all the chemical residues left on surfaces and equipment from cleaning and disinfecting? PCS NPH products reduce the amount of chemical used and their residues by up to 90%. Neutral pH hypochlorous acid in low disinfecting concentrations are compatible with most medical equipment and are non-corrosive to most surfaces not damaged by water.

NPH products are also extremely mild. Hypochlorous acid is produced by our white blood cells which helps us naturally defend against invading pathogens. Hypochlorous acid is used as a wound cleansing agent and even as an eye lid cleanser.

### MOST DRY SURFACES IN HOSPITALS ARE CONTAMINATED WITH BIOFILMS WHICH CAN RESIST CURRENT CLEANING AND DISINFECTING PROCESSES.

### HYPOCHLOROUS ACID REMOVES AND DISSOLVES BIOFILMS.

Routine cleaning with PCS NPH products and microfibre cloths prevent biofilm accumulation on dry hospital surfaces. Neutral pH hypochlorous acid is considered to be 40 to 80 times more effective as an antimicrobial than alkali sodium hypochlorite.

### CLEANING TO A SCIENTIFICALLY VALIDATED STANDARD.

PCS validates its recommended environmental surface decontamination processes with CREM Co Labs newly developed third tier of the Quantitative Carrier Test Method (QCT-3) to assess decontamination of high-touch environmental surfaces (HITES) with the incorporation of field-relevant wiping.



CERTIFICATION PROGRAM FOR MAXIMUM INDOOR AIR QUALITY & MINIMUM ENVIRONMENTAL HEALTH IMPACT

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



Top Innovations of the Year - 2017

## CLEANING TO A SCIENTIFICALLY VALIDATED STANDARD. MAXIMIZE PHYSICAL REMOVAL BY WIPING AND USE THE MINIMUM AMOUNT OF CHEMICAL TO PROTECT PUBLIC HEALTH AND THE ENVIRONMENT

### PCS 250 OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER

New Neutral pH Formulation. Ideal hospital cleaning and disinfecting agent. Contains up to 90 % less chemicals. Stable equilibrium containing Sodium hypochlorite and hypochlorous acid. Extremely mild to skin. Leaves almost no detectable residue. Use PCS validated award winning low moisture cleaning process.

#5908NPH-6 • 946 mL x 6 case  
3528 • Portion aid Dispenser  
#PCS250 MF Kit-2



### PCS 7000 OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER

PCS Neutralizer Solution removes alkaline salts from water supply which lowers pH of cleaning and sanitizing and disinfecting solutions. PCS 7000 diluted cleaning and no rinse sanitizing solution with a neutral pH provides a stable cost-effective hypochlorous acid solution.

#6063-6 • 946 mL w/ flip top x 6 case  
#6030-RC • 2.5 L x 4 case  
#6030-4 • 3.78 L closed loop x 4 case  
#6030-2 • 3.78 L x 2 case  
#6037BTL-4 • 3.78 L x 4 case  
(Empty bottles with workplace labels)



### PCS SPRAY AND WIPE HAND AND SURFACE CLEANER

Mild hypochlorous acid cleaner excellent for hand cleaning where water is not available or for individuals with damaged sensitive skin. Works well as a mild surface cleaning agent.

#6085-6 • 946 mL x 6 case  
#6085-4 • 3.78 L x 4 case



### NPH 160 NEUTRAL PH OXIDIZING SPRAY CLEANER DISINFECTANT AND NO RINSE SANITIZER.

Kills bacteria, Kills viruses, Kills mold.

#6043-6 • 946 ml x 6 case  
#6043-4 • 3.78 L x 4 case



### PCS NEUTRALIZING SOLUTION

#6040-2 • 3.78 L x case



## OXIDIZING BLEACH

PCS is the largest CANADIAN manufacturer of Health Canada DIN registered Bleach disinfectants with a variety of concentrations suitable and in use in a number of health care facilities in Canada. PCS products are manufactured in Peterborough by Ontario taxpayers supporting Ontario's health care system. Health care in Canada is a very small community and PCS is your local manufacturer of Health Canada approved sodium hypochlorite disinfectants.

3 YEAR EXPIRY - PCS Ready to use bleach products (Oxidizing Disinfectant/Disinfectant Cleaners) have demonstrated a minimum of thirty six months stability when stored under normal warehouse conditions.

### PCS 5000 OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER - KILLS C DIFFICILE

DIN 02314851 Contains 0.5 %/ 5000 parts per million of sodium hypochlorite. Kill C Difficile spores in 5 mins

#### DIN 02360500

- #5955-4 • 4 x 3.78 L containers
- #5955-6 • 6 x 946 mL containers
- #5987-6 • Kit 1 x 750 mL container & 70 wipes
- #5990 • Kit 1 x 2.5 L container & 110 wipes
- #5995 • Econo Refill 5000 Pack (4 x 110 rolls & 4 x 2.5 L PCS 5000)
- #6060-6 • 6 x 750 mL container & 70 wipes



### PCS 1000 OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER

Contains 0.1 %/ 1000 parts per million of sodium hypochlorite. Kills Bacteria, Kills Viruses, Kills Fungi

#### DIN 02314851

- #5906-6 • 6 x 946 mL containers
- #5907-6 • 6 x 2 L containers
- #5986-6 • Kit 1 x 750 mL container & 70 wipes
- #5989 • Kit 1 x 2.5 L container & 110 wipes
- #5993 • Econo Refill 1000 Pack (4 x 110 rolls & 4 x 2.5 L PCS 5000)
- #6063-6 • 6 x 750 mL container & 70 wipes



### PCS SODIUM HYPOCHLORITE DISINFECTANT/ DISINFECTANT CLEANER

DIN 0233278 Concentrate contains 1.4% sodium hypochlorite active ingredient. Dilute 16 ml per litre of water.

#### DIN 02356082

- #5901-4 • 4 x 3.78 L containers
- #5902-2 • 2 x 3.78 L closed loop dispenser pkg



### PCS 7000 OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER

Use for no rinse sanitization of direct food contact surfaces

#### DIN: 02314878

- #6063-6 • 946 mL w/ flip top x 6 case
- #6030-4 • 3.78 L closed loop x 4 case
- #6030-2 • 3.78 L x 2 case



### PCS OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER CONCENTRATE

DIN 02356082 Concentrated Disinfectant/Disinfectant cleaner. Dilutes to 1000 ppm of hypochlorite

- #5948-2 • 2 x 3.78 L closed loop
- #5948-4 • 4 x 3.78 L containers
- #5948DK • 6 x 946 mL containers



### PCS STABILIZED 2% BLEACH

Concentrated Disinfectant/Disinfectant cleaner. Dilutes to 1000 ppm of hypochlorite

- #5945-2 • 2 x 3.78 L closed loop



### PCS HYPOCHLORITE DISINFECTANT/ DISINFECTANT CLEANER CONCENTRATE

DIN 02356090 Dilutes to 5000 ppm

- #5949-4 4 x 3.78 L open stock
- #5949-4 • 4 x 3.78 L containers
- #5949DK • 6 x 946 mL containers



**THERE IS A  
STABILIZED BLEACH  
CONCENTRATION FOR  
EVERYONE'S NEEDS**



## CLEANING AUDIT TOOLS

PCS is committed to working with industry cleaning staff, institutional managers, public health officials and infection control to develop and provide the most effective Cleaning and Oxidizing Solutions validated by onsite ATP monitoring of cleaning efficacy.

### PCS CLOTHS - MICROFIBRE & COTTON

#### Microfibre

14" x 14" (35.56 cm x 35.56 cm)  
Packaged in bundles of 25

#PCSMF-BLUE #PCSMF-GREEN  
#PCSMF-RED #PCSMF-YELLOW

7" x 14" (17.78 cm x 35.56 cm)  
Packaged in bundles of 50

#PCS4FMF-BLUE #PCS4FMF-GREEN  
#PCS4FMF-YELLOW



#### Cotton

#PCS-COTTON • 28 oz. 40 cm x 48 cm, 5 dozen/pk

### CHLORINE TEST STRIPS

#5925-12  
12 tubes of 100 strips 10 to 200 ppm available chlorine.

#5925-10K  
100 strips per container 0 to 10,000 ppm



### HYGIENA SYSTEM SURE PLUS ATP MONITORING SYSTEM

Provides a very rapid validation of cleanliness levels of environmental surfaces cleaned. System Sure provides the confidence needed that your cleaning process is protecting public health. Sure trend data analysis software included.

#ATP200 • Monitor  
#ATP2020 • Ultrasnap ATP Swabs pkg 25 x 4/carton  
#ATP120 • Protein Detection swabs 100/case  
#ATP4000 • Calibration Control Rod Kit



### PCS NON WOVEN MICROFIBRE WIPES

Comes with dispensing bucket and 4 rolls x 110 wipes

#5958



### PORTABLE DISPENSERS

Economical portable dispenser preset for a dilution of the concentrated PCS disinfectant cleaner.

#11685 • Black, 1:50 Low Flow  
#13122 • Black, Air-Gap, 1:50  
#11684 • Burgundy, 1:256 High Flow  
#13121 • Burgundy, Air-Gap, 1:256 High Flow  
#12597 • Orange, 1:32  
#13996 • Orange, Air-Gap, 1:32  
#14045 • Light blue, Air-Gap, 1:32

#7548 • Pump Up Sprayer 2 QT  
#904 • 30 ml (1 oz) Bleach Pump for 3.78 L (1 gal) Bottle



### PCS DISPOSABLE WIPES

#5959 • Dispensing bucket, 4 rolls x 270 wipes  
#5976 • 6 rolls x 270 wipes



### PCS REFILL WIPES FOR CANISTER

Comes with 12 rolls x 55 wipes

#5974



### PCS REFILL WIPING SYSTEM

#5975 • Includes large 12"x12 1/2" wipes, 6 canisters, workplace labels & instruction sheet  
#5977 • 4 x 270 wipes, 4 pails, workplace labels & instruction sheet



### PROCESS CLEANING BUCKETS WITH LIDS / WET & DRY BULK WIPES

Process Cleaning Buckets with Lids

#5923 4 • PCS cleaning buckets with dispensing lids





**WORKING WITH PUBLIC HEALTH, INFECTION CONTROL AND OTHER INDUSTRY EXPERTS ON HOW WE CAN ALL JOIN THE WORLD WIDE BATTLE TO SLOW BACTERIAL RESISTANCE DEVELOPMENT TO OUR THERAPEUTIC DRUGS.**

Working with public health, infection control and other industry experts on how we can all join the world wide battle to slow bacterial resistance development to our therapeutic drugs.

“Limiting and Interrupting the Spread of Antibiotic- Resistant Infections in the Community Preventing the spread of infection in the community is a significant challenge, and many prevention interventions are used, depending on the type of infection and the route of transmission.”

US Department of Health and Human Services  
Centers for Disease Control and Prevention

**ECOGENT GENERAL PURPOSE AND LAUNDRY CLEANER**

ECOgent Microfibre General Purpose and Laundry cleaner with Micro Dispersant technology brings new science to the art of cleaning.

- #5983-4 • 4 x 2 L with 6 microfibre cloths
- #5984-2 • 2 x 3.78 L closed loop
- #5984-4 • 4 x 3.78 L open stock



**PCS SPRAY WIPE CLEANER**

Formulation contains purified water and less than 0.1 % Synthetic chemicals. Part of PCS Antimicrobial Stewardship Campaign of Removing Disinfectants from Cleaning.

#5991-6 • 6 x 946 mL



**PCS CLEANING WIPES • CLEANS WORKSPACE WITHOUT HARMING**

Formulation added to dry wipes contains purified water and less than 0.1% Synthetic chemicals. Part of PCS Antimicrobial Stewardship Campaign of Removing Disinfectants from Cleaning.

- #6066-12 • 12 x 70 wipe containers / case
- #6066-4 • 4 x 270 wipe containers / case



**ECOGENT CLEANING & PRESERVATION SOLUTION**

Better cleaning than using disinfecting wipes. Low or no detectable odour, Leaves virtually no chemical residue, No contact time wipe and wipe dry

#6084 • 4 x 3.78 L open stock





CLEANING TO A SCIENTIFICALLY VALIDATED STANDARD.  
MAXIMIZE PHYSICAL REMOVAL BY WIPING AND USE THE  
MINIMUM AMOUNT OF CHEMICAL TO PROTECT PUBLIC  
HEALTH AND THE ENVIRONMENT



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of the Year - 2017**

2060 Fisher Drive  
Peterborough, On, K9J 8N4  
Toll Free: 877.745.7277  
Tel: 705.745.5849  
Fax: 705.745.1239  
[www.processcleaningsolutions.com](http://www.processcleaningsolutions.com)