



PCS Process Cleaning Solutions is a 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 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 surfaces cleaned.

PCS offers EPA-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.



Process MicroClean

Ideal choice for greening health care and other facilities

PCS Process MicroClean for enhanced removal of organic soils including bacteria with microfibre cloths.

Description:

MicroClean is an all-natural multi-purpose cleaner that improves cleaning results by adding friction to the surface being cleaned.

Uses:

One cleaner for all the daily tasks in health care facilities, schools, universities and commercial buildings. Having one product minimizes inventory requirements, simplifies training and reduces product mix-ups.

It cleans glass, stainless steel, ceramic tiles, desks and counters and is safe to use on all surfaces not damaged by detergent and water. It rapidly dissolves most soils spread from daily human activity and is outstanding on floors and in automatic scrubbers.

Directions for use:

Dilute 15 mls per 4 litres (½ ounce per gallon) of water for most daily cleaning task .

Always use with clean microfibre cloths or mops. Clean and disinfect cleaning equipment and microfibre cloths after use. Use PCS QCT 3 validated microfibre cleaning process to protect public health.

Contains:

Buffered lactic acid, sodium citrate and sodium chloride.

- . No synthetic cleaning ingredients
- . No surfactants
- . NO Voc's
- . Ingredients are listed on the label

Product Codes:

- #5943-6 • 946 ml bottle
- #5940-6 • 6 x 2 litre closed loop
- #5942-4 • 4 x 3.78 litre dispenser package
- #5943-4 • 4x 3.78 litre open stock
- #5942-BTLPCS • MicroClean silk screen bottle
- #3528 • Portion aid
- #13121 • Burgundy, Air-Gap, 1:256 High Flow dispenser



PCS Oxidizing Laundry Detergent

Description:

Use as directed for Decontamination of Cleaning Cloths and Mops
Contains stabilized sodium hypochlorite, sodium carbonate, sodium bicarbonate, sodium chloride and sodium hydroxide.

PCS Oxidizing Laundry detergent provides the oxidizing power needed to destroy and remove organic soils from cleaning cloths and mops. Microfibre cloths remove large numbers of pathogens from surfaces requiring thorough oxidation or very high disinfecting temperatures to remove organic soils from cloths and mops.

Directions for use.

- High efficiency washers
- Fill detergent cup and bleach dispenser with PCS Oxidizing Laundry Detergent.
- Set Program for Soak cycle, hot water wash and extra rinse
- Inspect and remove cloths not suitable for laundering
- Dry cloths to zero moisture.

Manual cleaning and decontaminating of cleaning cloths and mops.

- Rinse cloths and mops.
- Make up a solution of 16 mls / ½ ounce of PCS Oxidizing Laundry detergent per litre/ quart of water.
- Place cloths and mops in solution and allow soaking for at least 5 minutes.
- Rinse cloths and mops.
- Make up fresh solution of 16 mls / ½ ounce of PCS Oxidizing Laundry detergent per litre / quart of water.
- Place cloths and mops in solution and allow soaking for twenty minutes.
- Rinse cloths thoroughly.
- Drying of cloths and mops is very important to prevent cloth or mop recontamination.

Product Code:
#6074-6 • 946 mL x 6/cs
#6074-4 • 3.78 L x 4/cs
#6074-18 • 18.5 L



INTRODUCES NPH NO RINSE SANITIZER

NEUTRAL pH SODIUM HYPOCHLORITE SOLUTION

**ON DEMAND
FOOD SERVICE • GALLEY**



Here's how it works.

PCS 7000 and Neutralizer solution are each diluted with tap water through the NPH Dispenser. The two products combine to create NPH (Neutral pH No Rinse Sanitizer).

NPH Patent pending dispenser.

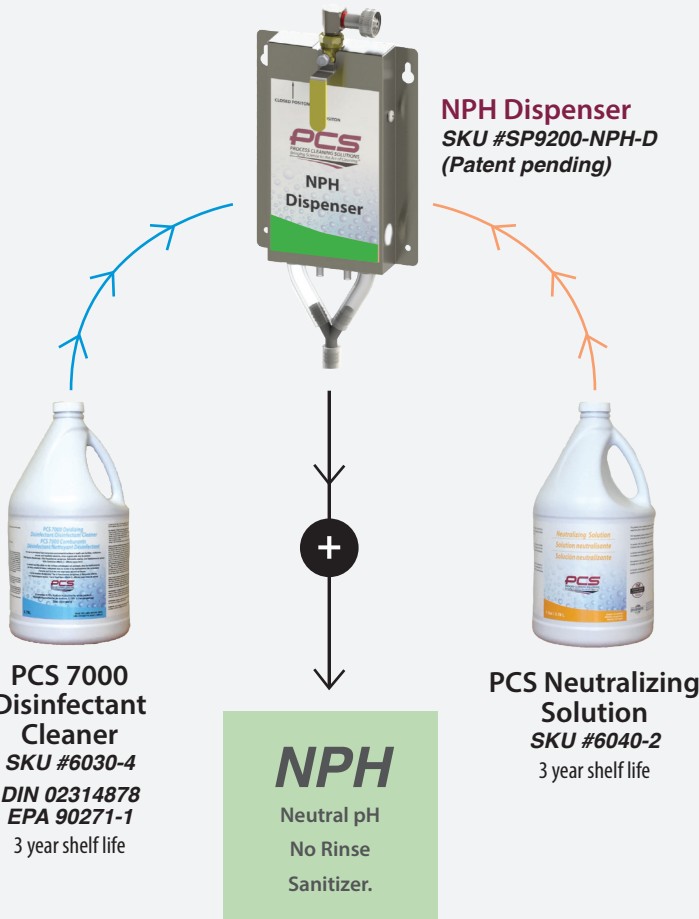
Benefits of Neutral pH Sodium Hypochlorite Solution (NPH).

- 30 second no-rinse sanitizer
- PH adjusted solution meet Canadian Food Inspection Agency Guidelines for chlorinated wash water for fruits and vegetables.
- Non-irritating to skin and eyes
- Non-sensitizing
- Considered 40-60 times more effective than bleach
- Low odour
- 60 - 90 day shelf life (once blended)
- Rapidly oxidizes organic soils
- Non-corrosive
- Eliminates the need for costly on site generating equipment to convert to Neutral Sodium Hypochlorite Solution
- Certified by Envirodesic, for use in buildings housing chemically sensitive individuals
- Received top innovation of 2017 award from Infection Control Tips

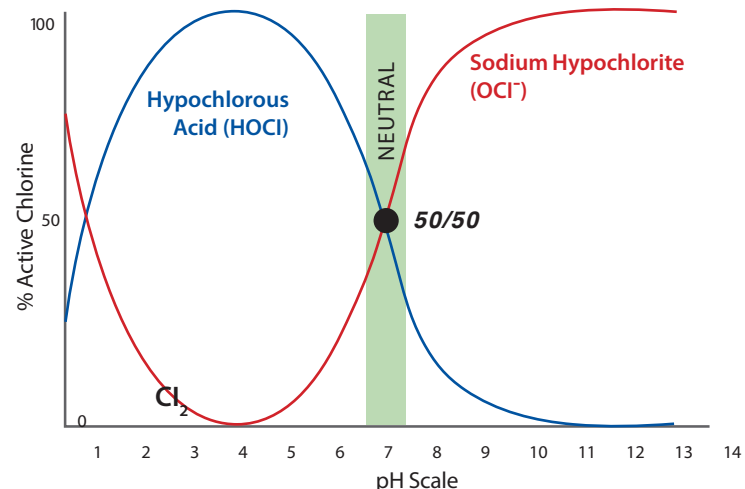
PCS 7000
DISINFECTANT
CLEANER



PCS
NEUTRALIZING
SOLUTION



Sodium Hypochlorite Solution converts 50% of the Hypochlorite to Hypochlorous acid when pH is adjusted to neutral.



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:

1. 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 microfiber cloths. Cleaning of floors with flat mop or traditional mopping equipment & all above floor daily cleaning tasks.

- #5943-6 • 946 mL x 6/cs
- #5943-4 • 4 x 3.78 L x 4/cs
- #5942-4 • 4 x 3.78 L closed loop x x 4/cs
- #5942-BTL • Silked Screen Bottle 24 oz.



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/cs
- #6085-4 • 3.78 L x 4/cs
- #6085-MFKIT-2 • Microfiber wiping kit x 2/cs
- #6088BTL-24 • Empty 4 oz. Bottle x 24/cs



PCS CLEANING WIPES

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.

- #5966-12 • 70 wipe containers x 12/cs
- #5966-4 • 270 wipe containers x 4/cs



PCS OXIDIZING LAUNDRY DETERGENT

Provides the oxidizing power needed to destroy and remove organic soils from cleaning cloths and mops.

- #6074-6 • 946 mL x 6/cs
- #6074-4 • 3.78 L x 4/cs
- #6074-18 • 18.5 L



**PCS 7000 DISINFECTANT
NEUTRAL PH PCS 200 NO RINSE
SANITIZING AND OXIDIZING
CLEANING SOLUTION**

Dilute through PCS NPH dispenser into PCS 7000 work place bottle to create Neutral PH PCS 200 No rinse sanitizing and oxidizing cleaning solution. Use with QCT-3 validated microfiber cleaning process to reduce environmental contamination to safe levels.

- #6001-4 • 3.78 L x 4/cs



PCS NEUTRALIZING SOLUTION

Reduces the negative effects of hard alkali water on cleaning processes. Packaged in closed loop container, always dilute through dispensing equipment.

- #6040-2 • 3.78 L x 4/cs.



PCS CLEANING PROCESSES ARE HIGHLY EFFECTIVE AT MAXIMIZING THE REMOVAL OF ORGANIC MICROBIAL CONTAMINATION FROM ENVIRONMENTAL SURFACES, WHILE MINIMIZING PROLONGED RESIDUAL TOXIC CHEMICAL EXPOSURES

2. DISINFECTING

PCS offers EPA-registered Disinfectant Cleaners for use on hard nonporous environmental surfaces in health care facilities, institutions, schools and the hospitality industries.

PCS 7000 DISINFECTANT CLEANER

Registered concentration of sodium hypochlorite 0.735 % exceeds the 1 to 10 bleach solution with water recommended by public health officials. EPA registered kill claim for C. difficile spores in 5 minutes. PCS 7000 is a stable formulation with a 36 month shelf life.

- #6001-6 • 946 mL w/ flip top x 6/cs
 - #6001-4 • 3.78 L closed loop x 4/s
 - #6001-2 • 3.78 L x 4/cs
 - #6001-MFKIT-2 • Microfiber wiping kit x 4/cs
- (Empty bottles with workplace labels)
- #6037BTL-4 • 3.78 L x 4 case
 - #6037BTL-6 • 946 mL x 6 case



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.

NPH DISPENSER

#SP9200-NPH-D



PCS MICROFIBER CLOTHS

14" x 14" (35.56 cm x 35.56 cm)
Packaged in bundles of 25 x 300/cs

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

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

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



PORTABLE DISPENSERS

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

- #13121 • Burgundy, Air-Gap, 1:256 High Flow
- #904 • 30 mL (1 oz) Bleach Pump for 3.78 L (1 gal) Bottle



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



PCS REFILL WIPING SYSTEM

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



PCS REFILL WIPES FOR CANISTER

Comes with 12 rolls x 55 wipes

#5974



REFERENCES & LINKS

PCS 7000 Disinfectant Cleaner

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PCS 7000 DISINFECTANT CLEANER BROCHURE

PCS NPH NO RINSE SANITIZER

Neutral pH sodium hypochlorite solution for use on all surfaces. It is safe for use on all surfaces and does not require rinsing.

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PCS OXIDIZING LAUNDRY BROCHURE

PCS Hypochlorous acid/sodium hypochlorite cleaning

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PCS HYPOCHLOROUS ACID/SODIUM HYPOCHLORITE CLEANING WITH A NEUTRAL PH TO PROTECT PUBLIC HEALTH

PCS Disinfectant

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NEXT GENERATION OF CLEANING, SANITIZING AND DISINFECTION

ENVIRODESIC PCS NPH Products and Microfibre Wiping Process

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ENVIRODESIC CERTIFICATE- PCS NPH PRODUCTS AND MICROFIBRE WIPING PROCESS

NORO SCIENCE BASED GUIDELINES

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PCS Microfibre Next Generation of Cleaning, Disinfecting and Sanitizing

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PCS MICROFIBRE NEXT GENERATION OF CLEANING, DISINFECTING AND SANITIZING

PCS 7000, 1000 & Saline T80 QCT-3 Study -

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PCS 7000, 1000 & SALINE T80 QCT-3 STUDY -

Antibiotic Resistant Bacteria

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QCT-3 - A PRELIMINARY FIELD-RELEVANT TEST TO ASSESS DECONTAMINATION OF HIGH-TOUCH ENVIRONMENTAL SURFACES: TESTING WITH STAPHYLOCOCCUS AUREUS

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SURFACTANTS CAN CAUSE RESISTANCE

A Comparison of the Acute Aquatic Toxicity of Surfactants used in Cleaning Products

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A COMPARISON OF THE ACUTE AQUATIC ECOTOXICITY OF SURFACTANTS USED IN CLEANING PRODUCTS WITH NATURAL INGREDIENTS

Process MicroClean SDS

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PROCESS MICROCLEAN SDS

A More Sustainable Approach to Everyday Cleaning

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