

**NEXT GENERATION OF CLEANING, DISINFECTING AND SANITIZING**

- Cleaning and disinfecting with PCS Neutral pH stabilized equilibrium of 50% hypochlorous acid and 50% sodium hypochlorite.
- Safer for staff, the environment and hospital equipment.
- PCS has an NPH process for institutions, schools, hospitality and hospital wide cleaning and disinfecting.

**PCS Stabilized Neutral-pH Sodium Hypochlorite (NPH) 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 and rapidly decontaminate soiled surfaces. HOCL is many

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



Mechanical Wiping Increases the Efficacy of Liquid Disinfectants. Adding wiping reduced the time to kill 6 logs of SARS-CoV-2 with soil challenge to 5 seconds from 5 minutes.

Angela Sloan, Samatha B. Karsloff and Todd Curtis Mechanical Wiping Increases the Efficacy of Liquid Disinfectants on SARS-CoV-2 National Microbiology Laboratory, Applied Biosafety Research Program, Safety and Environmental Services.