PCS PEROXY MICROCLEAN CONCENTRATE

NATURAL CHOICE TO REPLACE CLEANING WITH DISINFECTANTS OR SYNTHETIC DETERGENTS.

CLEAN NATURALLY WITH PCS PEROXY MICROCLEAN ONE CLEANER, ONE DILUTION, NO RINSING CLEANS AND OXIDIZES IN ONE STEP



HEALTH CANADA CLEANING AND DISINFECTING PUBLIC SPACES DURING COVID-19

Cleaning with soap (or detergent) and water lowers the number of germs on surfaces. Cleaners don't necessarily kill germs, but cleaning can remove germs and lower their numbers. This can play a role in reducing the risk of spreading infection.

Disinfecting products kill germs on surfaces using chemicals

HARD-SURFACE DISINFECTANTS AND HAND SANITIZERS (COVID-19)

Although they do not claim to kill viruses such as COVID-19, cleaners can help limit the transfer of microorganisms. For high-touch hard surfaces such as door handles and phones, we recommend cleaning these often with either regular household cleaners or diluted bleach according to the label directions.

MicroClean is an all-natural multi-purpose cleaner that becomes supercharged by adding Hydrogen Peroxide. Ideal choice for greening health care, schools, public transit, institutions and other facilities.

PCS Oxygen Boosting Hydrogen Peroxide converts MicroClean's buffered carboxylic acids (organic acids) citric, lactic and acetic into peroxy acids, which are oxidizing agents with unexpected cleaning properties.

PROCESS CLEANING SOLUTIONS BRINGING SCIENCE TO THE ART OF CLEANING

MicroClean all natural ingredients have been evaluated by an Ecotoxigologist who reported the cleaning ingredients in MicroClean are practically nontoxic to aquatic life and are 325 times less toxic to the environment than synthetic detergents.

MicroClean formulation has been reviewed and certified by Envirodesic for use in areas housing chemically sensitive individuals and for reduced environmental impact from cleaning products.

*Peroxy MicroClean coming soon USDA Organic Cleaning and Ecolabel certifications.

Cleaning Performance Testing using CSPA DCC-17

The purpose of this study is to compare the cleaning performance and speed of cleaning of commercial all-purpose cleaners.

Greasy Soil Test Method for Evaluating Spray and-Wipe Cleaners.

- \cdot Scores of 75% or higher are considered very good cleaning products.
- · PCS Peroxy MicroClean Average Cleaning Efficiency 89 %

PEROXY MICROCLEAN SPRAY WIPE WITH PCS MICROFIBER CLOTHS ACT SYNERGISTICALLY TO REMOVE PATHOGENS EFFECTIVELY.

CREMCO Quantitive Carrier test #3

Test products ability to remove pathogens from surfaces and prevent the spread of pathogens to adjacent areas.

- · 1st Contaminated platform measures removal of pathogens.
- \cdot 2nd Platform measures how many pathogen was transferred

PCS 220501-SA Staphylococcus auras combined test PCS220501-MNV combined test Percent reduction Percent transfer Platform Total CFU Percent reduction Original Platform PFU contamination 99.5 0.02 7201 cm2 13,333,405 100% 89 cm2 128001 Remaining contamination 40 cm2 platform 73376 Remaining contamination cm2 0 platform 0 Transferred contamination 1 cm2 platform 2367 Transferred contamination cm2 0 platform 0

ENVIRODESIC

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

USDA CERTIFIED BIOBASED PRODUCT *PCS Peroxy MicroClean organic cleaning removes pathogens from surfaces safely without having to use disinfectant drugs or pesticides.

PCS Apply and Dry surface cleaning has been validated to remove and prevent transfer of pathogens more effectively than current hospital disinfecting cleaning processes.

Now you have a choice cleaning to remove pathogens in non critical care areas without the use of disinfectant chemicals on frequently touched surfaces limiting disinfecting drugs or pesticides to precautionary occasional use or when recommended by public health or during outbreaks.

Limit the use of disinfectant cleaners to those recognized by public health and government agencies as effective at removing biofilms.

Biofilms Role in Chronic Infections

A biofilm is an architectural colony of microorganisms, within a matrix of extracellular polymeric substance that they produce. Biofilm contains microbial cells adherent to one-another and to a static surface (living or non-living). Bacterial biofilms are usually pathogenic in nature and can cause hospital infections.

The National Institutes of Health (NIH) revealed that among all microbial and chronic infections, 65% and 80%, respectively, are associated with biofilm formation.

Clean with PCS microfiber cloths and Peroxy Microclean to remove up to 99% biofilm pathogens.

CDC Centers for Disease Control

Guideline for Disinfection and Sterilization in Healthcare Facilities (2008)

Last update: May 2019

Chlorine and Chlorine Compounds

Overview. Hypochlorite's, the most widely used of the chlorine disinfectants, are available as liquid usually called household bleach. They have a broad spectrum of antimicrobial activity, do not leave toxic residues, are unaffected by water hardness, are inexpensive and fast acting.

"Remove dried or fixed organisms and biofilms from surfaces"

PCS PEROXY MICROCLEAN PASSED INDUSTRY STANDARD TEST FOR CARPET CLEANING AND RESOILING A REQUIREMENT FOR SOME CARPET MANUFACTURERS AND FOR UL CERTIFICATION.

ASTM D6540-17 Accelerated Soiling of Pile Yarn Floor Covering

ASTM D6540-17 Standard Test Method for Accelerated Soiling of Pile Yarn Floor Covering

CSPA Designation DCC-03 Rug Shampoo Study to determine the cleaning effectiveness of a carpet extraction cleaner.





PCS PEROXY MICROCLEAN

Use One Dilution for all cleaning tasks

- · Use to clean and oxidize carpets.
- · Use to clean and oxidize with microfibre cloths
- · Use to clean and oxidize floors.
- · Use to clean and oxidize washrooms.
- Apply and Dry to clean and oxidize frequently touched surfaces.

Replace cleaning with Synthetic Chemicals and Disinfectants with PCS Peroxy MicroClean Apply and Dry organic cleaning.

Download Reports

- CSPA Designation DCC-03 Rug Shampoo Study The purpose of this study is to compare the cleaning performance and speed of cleaning of _commercial all-purpose cleaners.
- Assessment of the Combined Activity of Spray and Wiping for Cleaning/Decontaminating Hard, Non-Porous Environmental Surfaces: Testing with Mouse Norovirus (MNV) as a representative Healthcare-Associated Pathogen.
- Assessment of the Combined Activity of Spray and Wiping for Cleaning/Decontaminating Hard, Non-Porous Environmental Surfaces: Testing with Mouse Norovirus (MNV) as a representative Healthcare-Associated Pathogen.
- Assessment of the Combined Activity of Spray and Wiping for Disinfecting/Cleaning Hard, NonPorous Environmental Surfaces: Testing with __Healthcare-Associated Pathogens.
- · ASTM D6540-17 Standard Test Method for Accelerated Soiling of Pile Yarn Floor Covering.
- · CSPA Designation DCC-03 Rug Shampoo Study to determine the cleaning effectiveness of a carpet extraction cleaner.