

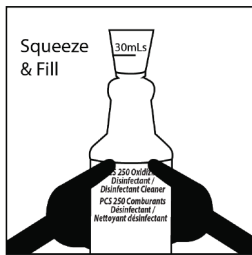
PCS MICROFIBRE NEXT GENERATION OF CLEANING, DISINFECTING AND SANITIZING

CLEANING TO A SCIENTIFICALLY VALIDATED STANDARD.

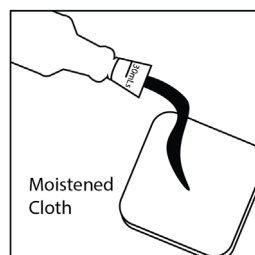
PCS validates its recommended environmental surface decontamination processes with CREM Co Labs newly developed third tier of the Quantitative Carrier Test Method (QCT-3) to assess decontamination of high-touch environmental surfaces (HITES) with the incorporation of field-relevant wiping.

MAXIMIZE PHYSICAL REMOVAL BY WIPING AND USE THE MINIMUM AMOUNT OF CHEMICAL TO PROTECT PUBLIC HEALTH AND THE ENVIRONMENT

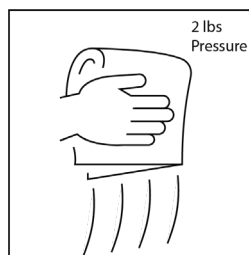
PCS MICROFIBRE QCT-3 VALIDATED WIPING PROCESS.



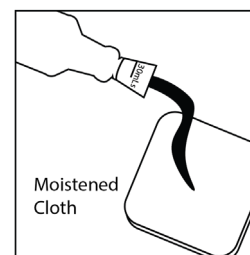
PCS Microfibre Cloth
 14" x 14" (35.56 cm x 35.56 cm)
 • Moisten cloth with 60 mL of selected PCS cleaner, sanitizer or disinfecting cleaner.



PCS Microfibre Cloth
 7" x 14" (17.78 cm x 35.56 cm)
 • Moisten cloth with 30 mL of selected PCS cleaner, sanitizer or disinfecting cleaner.



Wipe surface with folded cloth with at least two pounds pressure on cloth; wipe surface twice, then flip cloth to clean side and rewipe surface with a single wipe.



Moisten a second piece of cloth and rewipe surface; allow surface to air-dry.



VALIDATED CLEANING PROCESS

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

TEST ORGANISM

Clostridium Difficile spores (ATCC 43598), Staphylococcus aureus (ATCC 6538) and Salmonella Enterica Serotype Choleraesuis (ATCC 10708) or Serratia marcescens (ATCC 13880) Murine Norovirus (Strain S99).

TEST METHOD

Quantitative carrier test tier 3 or QCT-3. Note reductions in the pathogen numbers remaining on surfaces after wiping to below the internationally recognized number required to transfer an infectious dose are considered a pass.

TEST SAMPLE IDENTITY

1. Saline T - Detergent
2. PCS 7000
3. PCS Neutral PH 250
4. Hydrogen Peroxide 1.4% Pre-moistened Wipe
5. Alcohol and Quaternary Ammonium Disinfectant Wipe
6. HPW .5 % Hydrogen Peroxide Wipe
7. PCS MicroClean
8. PCS MicroClean and PCS 250 Neutral PH wipe



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

Product	Control CFU/cm2	After Wiping CFU/cm2	Transfer CFU/cm2	Percentage Transfer	Percent Reduction
1. Saline T - Detergent	14,650	31.1	0	0	99.79
2. PCS 7000	5,715	0	0	0	100
3. PCS 250	14,000	0	0	0	100
4. HP 1.4% Wipe	14,000	1.27	0	0	99.991
5. Q/A Wipe	34,400	2.54	0	0	99.993
7. PCS MicroClean	16,400	3.5	0	0	99.98
8. MicroClean and PCS250 wiper	10,620	0	0	0	100

C. difficile spores Average CFU per square centimetre

Product	Control CFU/cm2	After Wiping CFU/cm2	Transfer CFU/cm2	Percentage Transfer	Percent Reduction
1. Saline T - Detergent	15,150	3565	296	1.95	76.47
2. PCS 7000	9745	2.30	0.31	0.0032	99.976
3. PCS 250	741	3.44	2.33	.018	99.5
4. HP 1.4% Wipe	1150	14.3	15.3	1.33	98.7539
5. Q/A Wipe	664	263	161	24.25	60.39
7. PCS MicroClean	8290	468	118	1.82	89.4
8. MicroClean and PCS250 wiper	1930	104	14.7	0.9	93.95

Murine Norovirus Average PFU per square centimetre

Product	Control PFU/cm2	After Wiping PFU/cm2	Transfer PFU/cm2	Percentage Transfer	Percent Reduction
1. Saline T - Detergent	4480.48	3.40	7.67	0.17	99.92
1. Saline T - Detergent	4480.48	3.40	8.49	0.19	99.92
3. PCS 250	3894.07	3.82	9.34	0.24	99.90
3. PCS 250	5529.96	0.42	7.64	0.14	99.99
6. HPW	5529.96	0.85	8.49	0.15	99.98

With both Hydrogen Peroxide and Quat alcohol wipes surfaces where cleaned with one wipe then wiped a second time with a fresh wipe.

Request a copy of QCT-3 CREM Co study