



PCS MicroQuat Disinfectant Cleaning and Disinfection Process

Daily Cleaning

Use as a daily cleaner in hospitals, nursing homes and schools diluted at 15 mls per 4 liters of water for floors, walls, washroom fixtures and frequently touched surfaces. Clean and allow to air dry. Safe concentration that leaves residue levels approved for no rinse sanitation of food contact surfaces.

PCS MicroQuat Disinfectant Cleaner

- Health Canada Din # 02380676 registered.
- Cleaner-detergent- disinfectant-deodorizer- sanitizer
- Can be mixed and stored in work place bottle for up to thirty days.
- Scent free formulation
- Use with PCS MicroQuat work place bottle with flip top lid.

Available sizes

#5956-4 - 4 x 3.78L - open stock

#5956-2 - 2x 3.78L - closed loop

#5965-BTL - 946 ml - workplace bottle

PCS MicroQuat Disinfectant Cleaner is a phosphate free concentrated detergent/ disinfectant which provides effective cleaning, deodorizing, disinfection and sanitization. PCS MicroQuat Disinfectant Cleaner has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination. In addition, PCS MicroQuat Disinfectant Cleaner deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage area, empty garbage bins and cans, toilet bowls and any other area which are prone to odours caused by micro-organisms.

DISINFECTION:

To disinfect pre-cleaned hard inanimate surfaces such as walls, floors, table tops, add 80 ml PCS MicroQuat Disinfectant Cleaner per 5 L of water. Apply solution with mop, cloth or sponge so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 80 ml PCS MicroQuat Disinfectant Cleaner directly to the bowl water. Swab the bowl completely using scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre cleaning step is required and recommended. Prepare a fresh solution for each use. When disinfecting food contact surfaces, rinse thoroughly with potable water.

SANITIZATION:

To sanitize previously cleaned and rinsed non porous food contact surfaces, prepare 200 ppm active quaternary PCS MicroQuat Disinfectant Cleaner solution by adding 44.44 mls of PCS MicroQuat Disinfectant Cleaner per 10 L of water. To sanitize immobile items such as tanks, chopping blocks, counter tops, flood the area with 200 ppm PCS MicroQuat Disinfectant Cleaner solution or apply with a cloth or sponge making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use. To sanitize mobile items such as drinking glasses, eating utensils, immerse in 200 ppm PCS MicroQuat Disinfectant Cleaner solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. PCS MicroQuat Disinfectant Cleaner is an effective sanitizer when diluted in water up to 250 ppm hardness (CaCO₃).

MILDEWSTAT:

To control mold and mildew on pre cleaned, hard non porous surfaces such as floors, walls, table tops, add 80 ml PCS MicroQuat Disinfectant Cleaner per 5 L of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

EFFICACY TESTS HAVE DEMONSTRATED THAT PCS MICROQUAT DISINFECTANT CLEANER IS AN EFFECTIVE BACTERICIDE AND FUNGICIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

DISINFECTION:

At 80 ml per 5 L dilution, PCS MicroQuat Disinfectant Cleaner exhibits effective disinfectant activity against *Pseudomonas aeruginosa* PRD 10, *Streptococcus pyogenes*, *Escherichia coli*, *Brevibacterium ammoniagenes*, *Klebsiella pneumoniae*, *Streptococcus faecalis*, *Salmonella shotmulleri*, *Shigella dysenteriae*, *Salmonella choleraesuis*, *Enterobacter aerogenes*, *Streptococcus salivarius*, *Staphylococcus aureus*, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin resistant *Staphylococcus aureus* (VRSA), *Klebsiella pneumoniae* New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant.

FUNGICIDAL ACTIVITY :

At this level the product is also fungicidal against Pathogenic fungi, *Trichophyton mentagrophytes* (Athletes Foot Fungus).

VIRUS ACTIVITY:

The product when used on environmental inanimate surface at 80 mL per 5L of water exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus). Herpes simplex Type 1 (causative agent of fever blisters and mononucleosis), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), Feline calicivirus, Norovirus (including Norwalk Virus) and Avian Influenza virus, Type A (Turkey/Wis/66), H9N2, Hepatitis C Virus (HCV), Porcine Respiratory & Reproductive Syndrome Virus (PRRSV). This product has demonstrated effectiveness against Vaccinia and Influenza A virus and is expected to inactivate all Influenza A viruses including 2009 (H1N1) pandemic Influenza A virus.

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (Hospitals, Nursing Homes) or other settings which there is an expected likelihood of soiling in inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV) Special instructions for cleaning and decontamination against HIV-1 on surfaces soiled with blood/body fluids. Personal Protection: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of PCS MicroQuat Contact Time/Concentration: At a use dilution of 80 mL per 5 L PCS MicroQuat Disinfectant Cleaner is effective against HIV-1 in the presence of 5% blood serum with a 10 minute contact time. Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to regulations for infectious water disposal.