

# MEDI QUAT 4

## DISINFECTION / VIRUCIDAL / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:

**Apply 8mL per litre of water** (use-solution) to hard, nonporous surfaces. Thoroughly wet the surfaces with a cloth, mop, sponge, sprayer or by immersion. **Treated surfaces must remain wet for 10 minutes.**  
For sprayer applications, use a coarse spray device.  
Spray 6-8 inches from the surface, rub with a brush, sponge or cloth.  
**Do not breathe spray.**

**For fungicidal activity: Medi Quat 4** is an effective fungicide against Trichophyton mentagrophytes [the athlete's foot fungus] when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities.

**For mold and mildew:** To inhibit the growth of mold and mildew and the odors caused by them apply **Medi Quat 4** to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment if required.

**Medi Quat 4** is a sanitizer for hard nonporous non-food contact surfaces, modified in the presence of 500ppm hard water plus 5% -organic serum-in-**60 seconds**-against: Staphylococcus aureus, Klebsiella pneumonia

Regular, effective cleaning and sanitizing of equipment, utensils, and work or dining surfaces which could harbor food poisoning microorganisms minimizes the probability of contaminating food during preparation, storage or service. "Effective cleaning will remove soil and prevent the accumulation of food residues, which may decompose or support the rapid development of food poisoning organisms or toxins. Application of effective sanitizing procedures reduces the number of those organisms present on equipment and utensils after cleaning, and reduces the potential for the transfer, either directly through tableware such as glasses, cups and flatware or indirectly through food.

**Use Medi Quat 4 in:**

Bathrooms	Sick Rooms	Health Care Facilities Hospitals	Medical Offices
Clinics	Dental offices	Kitchens	Colleges
Medical Related facilities like Nursing homes	Convenience stores	Day care centers Nurseries	Bars
Cafeterias	Institutional kitchens	Food Preparation Areas	Food processing plants
Food storage areas	Barber shops	Restaurants	CFIA inspected food processing facilities
Athletic facilities, Dressing rooms	Factories	Business and office buildings	Correctional facilities
Exercise facilities	Motels	Hotels	Institutional facilities
Locker rooms	Shower and bath areas Salons [Beauty/ Tanning]	Prisons	Public facilities
Public rest rooms, Schools	Animal laboratories Dairy farms	Universities	Campgrounds
Playground equipment	Mushroom Farms Poultry farms	Farms	Hog farms
Kennels	Airplanes	Pet animal quarters	Turkey farms
Zoos	Buses	Pet shops	Ambulances
Boats	Airports	Campers	Cars
Emergency Police, EMS, Fire and Rescue vehicles	Mobile homes	Ships	Taxis

To prevent cross-contamination, kitchenware and food-contact surfaces of equipment must be washed, rinsed with potable water and sanitized after each use and following any interruption of operation during which time, contamination may have occurred.

Where equipment and utensils are used for the preparation of foods, on a continuous or production-line basis, utensils and the food-contact surfaces of equipment must be washed, **rinsed with potable water** and sanitized at intervals throughout the day on a schedule based on food temperature, type of food, and amount of food particle accumulation.

Articles that can be immersed in a solution must remain in the solution for 60 seconds. Articles or surfaces too large for immersing must be thoroughly wetted or flooded by rinsing, spraying or swabbing. Allow all sanitized surfaces to drain thoroughly [and air dry].

Medi Quat 4 is a one-step Hospital use disinfectant, bactericidal according to the current AOAC Use-Dilution Test Method and Virucidal according to the virucidal qualification modified in the presence of 200 ppm hard water plus 5% organic serum against:-

**Bacteria:**

Pseudomonas aeruginosa [Pseudomonas] Staphylococcus aureus [Staph]	Salmonella enterica [Salmonella]
Acinetobacter baumannii [Acinetobacter] Burkholderia cepacia	Campylobacter jejuni [Campylobacter] Corynebacterium ammoniagenes Enterobacter aerogenes
Enterobacter cloacae NDM-1 positive	Enterococcus faecalis [Enterococcus]
Enterococcus faecalis - Vancomycin resistant [VRE]	Escherichia coli [E. coli]
Escherichia coli, New Delhi Metallo-Beta Lactamase (NDM-1)	ESBL Escherichia coli - [Extended spectrum beta-lactamase producing E. coli]
Klebsiella pneumoniae [Klebsiella]	Klebsiella pneumoniae - NDM-1 positive
Legionella pneumophila	Listeria monocytogenes [Listeria]
Salmonella schottmuelleri [Salmonella]	Salmonella typhi [Salmonella]
Serratia marcescens	Shigella dysenteriae [Shigella]
Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS384] [USA300] Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS123] [USA400] Staphylococcus aureus - Methicillin-Resistant [MRSA]	Staphylococcus aureus - Multi-Drug Resistant [resistant to tetracycline [Tc], penicillin [Pc], streptomycin [Sm] and erythromycin [Em] and susceptible to chloramphenicol [Cm] in vitro] Staphylococcus aureus - Vancomycin Intermediate Resistant - [VISA] Streptococcus pyogenes [Strep] [a cause of scarlet fever]
Vibrio cholerae	

**Viruses:**

'Adenovirus Type 5 [Adenovirus]	'Adenovirus Type 7 [Adenovirus]
'Hepatitis B Virus [HBV]	'Hepatitis C Virus [HCV]
'Herpes Simplex Virus Type 1	'Herpes Simplex Virus Type 2
'HIV-1 [AIDS Virus]	'Human Coronavirus
'Influenza Virus Type A / Brazil [Influenza]	'Influenza Virus Type A / Hong Kong [Influenza]
'2013 Influenza A Virus (H7N9)	'Norwalk Virus [Norovirus]
'Respiratory Syncytial Virus [RSV]	'Rotavirus
SARS Associated Coronavirus [SARS] [cause of Severe Acute Respiratory Syndrome]	
'Vaccinia [Pox Virus]	

**Animal viruses:**

Avian Infectious Bronchitis Virus Avian Influenza Virus (H3N2) Avian Influenza Virus (H5N1)	Canine Distemper Virus Feline Calicivirus Murine Norovirus Newcastle's Disease Virus Pseudorabies Virus
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**Fungi:**

Aspergillus niger

Trichophyton mentagrophytes [the Athlete's Foot Fungus] [A cause of Ringworm] [A cause of ringworm of the foot.

<sup>1</sup>Tested in deionized water