



# Quat-Shot

Cleaner - Deodorizer - Disinfectant  
Mildewstat (on hard, inanimate surfaces)  
\*Virucide (see panel for more information)  
Fungicide (against Pathogenic fungi)

## DESCRIPTION

**Quat-Shot** is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, schools, hotels and restaurants as well as for use in industrial and institutional food processing establishments, kennels, veterinarian and animal hospitals. **Quat-Shot** is formulated to disinfect hard non-porous, inanimate surfaces such as floors, walls, metal surfaces, stainless steel, porcelain, glazed ceramic tiles, plastic surfaces, bathrooms, shower stalls, bathtubs and cabinets. For plastic and painted surfaces, spot test on an inconspicuous area before use. A rinse with potable water is required for surfaces in direct contact with food. **Quat-Shot** deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

## SPECIAL INFORMATION

Canadian DIN #: 02243546

### Guarantee

|   |        |
|---|--------|
| n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides | 0.105% |
| n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethyl benzyl ammonium chlorides                                     | 0.105% |

## DIRECTIONS

### **Disinfection, Deodorizing and Cleaning:**

Remove gross filth or heavy soil prior to application of **Quat-Shot**. Hold container 15 to 20 cm from surface to be treated. Spray area until it is covered with the solution. Allow **Quat-Shot** to penetrate and remain wet for 10 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. **Quat-Shot** will not leave grit or soap scum.

### **To disinfect food processing premises and food contact surfaces:**

For floors, countertops, appliances, tables, walls and storage areas, hold container 15 to 20 cm from the surface to be treated and spray area until it is covered with the solution. Allow **Quat-Shot** to penetrate and remain wet for 10 minutes. Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Food products and packaging materials must be removed or carefully protected prior to using this product. Do not use on eating utensils, glassware and cookware.

### **One-step cleaning and disinfection of toilet bowls and urinals:**

Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 30 to 60 mL of **Quat-Shot** evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush.



# Quat-Shot

**Cleaner - Deodorizer - Disinfectant**  
**Mildewstat (on hard, inanimate surfaces)**  
**\*Virucide (see panel for more information)**  
**Fungicide (against Pathogenic fungi)**

**Mildewstat:**

To control mold and mildew on pre-cleaned, hard, nonporous surfaces, spray surface to be treated making sure to wet completely. Let air dry. Repeat **Quat-Shot** application at weekly intervals or when mildew growth appears.

**Quat-Shot KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of 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 transmission of Human Immunodeficiency Virus Type 1 (HIV-1).

**Special Instructions for Cleaning and Decontamination against HIV-1 on Surfaces/Objects Soiled with Blood or 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 or body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

*Contact Time/Dilution:* Apply **Quat-Shot** directly and allow surface to remain wet for 10 minutes.

*Disposal of Infectious Materials:* Blood or other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

**Efficacy tests have demonstrated that this product is an effective Bactericide, Fungicide and Virucide in the presence of organic soil (5% blood serum).**

## EFFICACY DATA

**DISINFECTION DATA:**

Test Method: AOAC Germicidal Spray Products as Disinfectants

Test Conditions: Ready to use (RTU), organic soil load, room temperature, glass slide carrier substrates

**Results:**

| <u>Test Organism</u>   | <u>Sample</u> | <u>Exposed</u> | <u>No. of Carriers</u> |  | <u>Contact Time</u> |
|--|---------------|----------------|------------------------|--|---------------------|
|  |               |                | <u>Positive</u>        |  |                     |
| <i>Staphylococcus aureus</i><br>(ATCC 6538)                      | A             | 60             | 0                      |  | 3 minutes           |
|  | B             | 60             | 0                      |  |                     |
| <b><i>Salmonella (choleraesuis) enterica</i></b><br>(ATCC 10708) | <b>A</b>      | <b>60</b>      | <b>0</b>               |  | <b>3 minutes</b>    |
|  | <b>B</b>      | <b>60</b>      | <b>0</b>               |  |                     |
| <i>Pseudomonas aeruginosa</i><br>(ATCC 15442)                    | A             | 60             | 0                      |  | 3 minutes           |
|  | B             | 60             | 0                      |  |                     |
| <b><i>Escherichia coli</i></b><br>(ATCC 11229)                   | <b>A</b>      | <b>10</b>      | <b>0</b>               |  | <b>3 minutes</b>    |
|  | <b>B</b>      | <b>10</b>      | <b>0</b>               |  |                     |
| <i>Enterococcus faecium</i><br>(ATCC 6569)                       | A             | 10             | 0                      |  | 3 minutes           |
|  | B             | 10             | 0                      |  |                     |



# Quat-Shot

Cleaner - Deodorizer - Disinfectant  
 Mildewstat (on hard, inanimate surfaces)  
 \*Virucide (see panel for more information)  
 Fungicide (against Pathogenic fungi)

**DISINFECTION DATA continued:**

| Test Organism  | No. of Carriers |           | Positive | Contact Time     |
|--|-----------------|-----------|----------|------------------|
|  | Sample          | Exposed   |          |                  |
| <b>Vancomycin Resistant</b>  | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>Enterococcus faecalis</b>   | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <b>(VRE) (ATCC 51575)</b>  |                 |           |          |                  |
| <i>Escherichia coli</i> 0157:H7(ATCC 43895) A&B  |                 | 10        | 0        | 3 minutes        |
| <b>Methicillin resistant</b>   | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>Staphylococcus epidermidis</b>  | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <b>(MRSE) (ATCC 51625)</b>   |                 |           |          |                  |
| Community Associated Methicillin Resistant <i>Staphylococcus aureus</i> (CA-MRSA)(NRS 123) Genotype USA400 | A               | 10        | 0        | 3 minutes        |
|  | B               | 10        | 0        |                  |
| <b>Streptococcus pyogenes</b>  | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>(Necrotizing Fasciitis-Group A)</b>   | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <b>(V.A. Medical Center Isolate 04001)</b>   |                 |           |          |                  |
| <i>Corynebacterium ammoniagenes</i> (ATCC 6871)  | A               | 10        | 0        | 3 minutes        |
|  | B               | 10        | 0        |                  |
| <b>Staphylococcus aureus</b>   | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>(Vancomycin Intermediate Resistant (VISA) (HIP 5863)</b>  | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <i>Staphylococcus aureus</i> (Methicillin Resistant)(MRSA) (ATCC 33593)                                    | A               | 10        | 0        | 3 minutes        |
|  | B               | 10        | 0        |                  |
| <b>Listeria monocytogenes</b>  | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>(ATCC 35152)</b>  | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <i>Salmonella (typhi) enterica</i> (ATCC 6539)   | A               | 10        | 0        | 3 minutes        |
| <b>Yersinia enterocolitica</b>   | <b>A</b>        | <b>10</b> | <b>0</b> | <b>3 minutes</b> |
| <b>(ATCC 23715)</b>  | <b>B</b>        | <b>10</b> | <b>0</b> |                  |
| <i>Klebsiella pneumoniae</i> New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant                 | A               | 10        | 0        | 3 minutes        |
|  | B               | 10        | 0        |                  |

**Conclusion:**

Under the conditions of this investigation, **Quat-Shot**, was bactericidal for *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Enterococcus faecalis* (Vancomycin Resistant)(VRE), *Escherichia coli* 0157:H7, *Escherichia coli*, *Staphylococcus aureus* (Methicillin Resistant) (MRSA), *Streptococcus pyogenes* (Necrotizing Fasciitis-Group A), *Staphylococcus epidermidis* (Methicillin Resistant) (MRSE), *Corynebacterium ammoniagenes*, *Enterococcus faecium*, *Listeria monocytogenes*, *Salmonella (typhi) enterica*, Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA), *Yersinia enterocolitica*, *Staphylococcus aureus* (Vancomycin Intermediate Resistant) (VISA), and *Klebsiella pneumoniae* New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant according to criteria established by Health Canada for registration and labeling of a disinfectant product as a bactericide.









