



QUAT-10 is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, kennels and institutions where disinfection, sanitization and deodorization is of prime importance. When used as directed, this product is formulated to disinfect pre-cleaned inanimate hard surfaces such as walls, floors, sink tops, tables, chairs and bed frames.

QUAT-10 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odours caused by microorganisms. In addition, **QUAT-10** can also be used to sanitize previously cleaned food grade eggs in shell egg and egg product processing plants.

INSTRUCTIONS FOR USE

Disinfection: To disinfect pre-cleaned inanimate hard surfaces, apply this product with mop, cloth, sponge or coarse (trigger) spray so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

General disinfection: Add 22 ml of **QUAT-10** per 4 litres of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, *Yersinia enterocolitica*, *Escherichia coli* and *E. coli* 0157:H7.

Hospital disinfection: Add 22 ml of **QUAT-10** per 4 litres of water for disinfection against *Pseudomonas aeruginosa* and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).

Other uses: For disinfection of pre-cleaned poultry equipment (brooders, drinking troughs, feeding equipment), animal quarters and kennels, apply a solution of 22 ml of **QUAT-10** per 4 litres of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feed must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied and traversed by poultry or other animals and thoroughly clean all surfaces prior to disinfection.

After disinfection, ventilate building, coops, and other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Disinfecting potato storage area and equipment: Remove all potatoes prior to disinfection of potato storage area or equipment. Pre-clean hard surfaces by removing heavy soil or gross filth. Follow GENERAL DISINFECTION procedure. All treated surfaces must be thoroughly rinsed with potable water.

Virucidal ** activity: This product, when used on pre-cleaned, environmental inanimate hard surfaces at 22 ml of **QUAT-10** per 4 litres 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), Adenovirus type 5 (causative agent of upper respiratory infections), Vaccinia virus (representative of the pox virus group), and Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection), Human Immunodeficiency Virus Type 1 (HIV-1), Newcastle disease virus, Laryngotracheitis Virus.

Deodorization: To deodorize, apply this product as indicated under the heading GENERAL DISINFECTION.

Mildewstat: To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 22 ml of **QUAT-10** per 4 litres 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 appears.

Efficacy tests have demonstrated that this product is an effective bactericide and virucide in the presence of organic soil (5% blood serum).

Kills HIV 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-1).

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 this product.

Contact Time/Concentration: At a use dilution of 32 ml of **QUAT-10** per 4 litres of water (800 ppm) this product 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.

Sanitization: For use in restaurants, dairies, food processing plants, and bars. When used as directed, **QUAT-10** is an effective sanitizer against *Escherichia coli*, *Yersinia enterocolitica*, *Staphylococcus aureus* and *E. coli* 0157:H7.

Remove all gross food particles and soil from areas which are to be sanitized with good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with potable water.

To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces: Prepare a 200 ppm active quaternary solution by adding 8 ml of **QUAT-10** to 4 litres of water.

To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with 200 ppm active quaternary solution for at least 60 seconds making sure to wet all surfaces completely. Remove, drain the solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Remove, drain the solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. No potable water rinse is required. **QUAT-10** is an effective sanitizer when diluted in water up to 650 ppm hardness (CaCO₃).

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 8 ml of **QUAT-10** in 4 litres of warm water (200 ppm quat). The solution should be warmer than the eggs, but not to exceed 54°C. Wet eggs thoroughly and allow to drain. Eggs to be stored following treatment need not be rinsed.* Eggs sanitized with this product shall be subjected to a potable water rinse if they are to be broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.



**QUAT-10
3129**

**Disinfectant
No rinse sanitizer
Deodorant
Virucide
Mildewstat
Multi-quaternaries**





QUAT-10 3129

- DISINFECTANT
- NO RINSE SANITIZER
- DEODORANT
- VIRUCIDE
- MILDEWSTAT
- MULTI-QUATERNARIES



BENEFITS

- Super concentrated.
- Activity spectrum: bactericide, virucide, fungicide.
- As a disinfectant, it destroys the following bacteria: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, *Yersinia enterocolitica*, *Escherichia coli*, *E. coli* 0157:H7, *Pseudomonas aeruginosa* and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).
- As a virucide, it destroys the following viruses: Influenza A2/Japan (common flu virus), Herpes Simplex Type 1 (fever blisters), Adenovirus Type 5 (infections of the respiratory system), Vaccinia virus (pox virus group), Avian influenza A/Dindon/Wisconsin (acute avian lower respiratory tract infection), VIH-1 (Human deficiency disorder of the immune system), Newcastle disease virus, Laryngotracheitis Virus.
- Efficiently disinfects all hard surfaces and sanitizes without rinsing.
- Does not harm plastic, metal and melamine.
- Without caustic, butyl, petroleum distillates, chlorinated hydrocarbons or composed phenols.
- Without danger to the ozone layer.

CHEMICAL AND PHYSICAL PROPERTIES

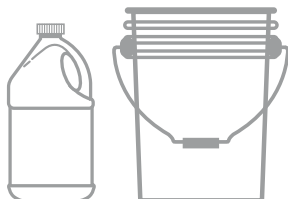
- pH as is 25°C: 7.5 - 8.0
- pH at 0.5 % 25°C: 6.8 - 7.2
- Specific gravity 25°C: 0.990 - 0.995
- Viscosity 25°C: less than 25 cP
- Stability: stable at normal warehousing conditions
- Physical properties: transparent blue liquid
- Odour: specific to the components
- Active ingredients:
 - 5% N-Alkyl (5% C₁₂, 60% C₁₄, 30% C₁₆, 5% C₁₈) dimethyl benzyl ammonium chloride
 - 5% N-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethyl benzyl ammonium chloride

LEGISLATION

Safety data sheet available.
 The product holds a drug identification number (D.I.N.: 02237685).
 Compliant for use in the food industry.

AVAILABLE PACK SIZES

- 3.8 litres
- 18.9 litres



CERTIFICATION STATEMENT FOR THE DISINFECTANT QUAT-10

QUAT-10 (3129)

DIN NUMBER: 02237685

QUAT-10 is a broad-spectrum disinfectant that has demonstrated its efficacy against viruses, bacteria, and molds (see product label). Despite the absence of specific data on the new Coronavirus, Health Canada considers that this product, given that it is licensed as a broad-spectrum virucide for hard surfaces, would inactivate the new coronavirus 2019 (SARS-CoV-2), the virus that causes COVID-19.

- It contains 5 % of alkyl dimethyl ethylbenzyl ammonium chloride and 5% of benzalkonium chloride, which are active ingredients recognized for their effectiveness against various viruses.
- Its performance has been validated according to methods recommended by Health Canada to assess viricidal effectiveness against surrogate viruses belonging to groups of viruses known to be even more robust than the Coronaviruses. These tests confirmed that **QUAT-10** is effective at a concentration of **0.55%** with a contact time of **at least 10 minutes** on previously cleaned inanimate hard surfaces.

This attestation is established in order to assert that of right.

Done in Louiseville, on 03/20/2020



Joanie Pichette, B.Sc., Chemist
Regulatory affairs and quality manager
Responsable affaires réglementaires et qualité