



Q.T. 5 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 250 ppm hard water plus 5% organic serum.

Use Q.T. 5 on non-food contact surfaces in: Bathrooms, Kitchens, Clinics, Dental offices, Health Care Facilities, Hospitals, Medical Offices, Medical Related facilities, Nursing homes, Sick Rooms, Long term care facilities, Day care centers, Nurseries, Athletic facilities, Barber shops, Business and office buildings, Colleges, Correctional facilities, Dressing rooms, Exercise facilities, Factories, Hotels, Institutional facilities, Institutions, Locker rooms, Motels, Prisons, Public facilities, Public rest rooms, Schools, Shower and bath areas, Salons, Universities, Camp grounds, Playground equipment, Airplanes, Airports, Ambulances, Boats, Buses, Campers, Cars, Emergency vehicles, Ships, Taxis, Trailers, Trains, and Transportation terminals.

1 MINUTE CONTACT TIME: *SARS-Related Coronavirus 2 (SARS-CoV-2) (cause of COVID-19).

Features & Benefits

Powerful Disinfection with broad efficacy including a 1-minute contact time for SARS-CoV-2.

Neutral Ph is safer for finished surfaces.

One-Step Cleaning, Disinfection and Odor Elimination.

Item Number & Unit of Measure

Item Number	HIL0016272
Unit of Measure	5 gal Pail

Specifications

Color	Blue
Appearance	Clear
Fragrance	Citrus
Formula Type	Liquid
Dilution Ratio	1:64
PH	7.00 - 8.50
Non-Volatile Matter	12.5% - 14.5%
EPA Registration #	6836-366-1658

Safety

See safety datasheet (if applicable) and product label for safety information, handling and proper use.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes.

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Preparation of Disinfectant Use-Solution: Mix 2 - 4 oz. per gallon of use-solution.

Disinfection / Virucidal / Fungicidal:

Apply use-solution to hard, non-porous, non-food contact surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion.

Treated surfaces must remain visibly wet for 5 minutes. For **SARS-COV-2**, treated surfaces must remain visibly wet for 1 minute. Wipe dry with a cloth, sponge or mop or allow to air dry. For visibly

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soiled areas, a preliminary cleaning is required. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface. Do not breathe spray.

To disinfect food processing facilities: Spray surfaces with solution and allow to remain visibly wet for 5 minutes. Rinse food contact surfaces with potable water prior to reuse.

Bactericidal Stability of Spray Use-Dilution: Tests confirm that the use solution of this product, when stored in a sealed container such as a spray bottle, remains effective as a disinfectant for up to 14 days (2 weeks) at the indicated bacterial contact time. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection. ***KILLS HIV AND HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in health care settings 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 for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV). **Special Instructions for Cleaning and Decontamination against HIV-1 or HBV or HCV on Surfaces / Objects Soiled With Blood / Body**

Fluids. Personal Protection: Cleanup must always be done wearing protective gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids containing HIV-1 or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of Q.T. 5. **Contact Time:** Leave surface visibly wet for 5 minutes with a 2 oz. per gallon use-solution. **Disposal of Infectious Material:** Blood, body fluids, cleaning materials and clothing must be autoclaved and disposed of according to local regulations for infectious waste disposal. **For Use as a One-Step Cleaner and Disinfectant Against Bacteria and Viruses by Electrostatic Spraying:**

Electrostatic spray application is for efficacy claims with a 5 minute contact time and 1:64 dilution. This application method is not to be used to treat surfaces for Canine parvovirus or fungicidal claims.

- Ensure bystanders and pets are not present in the room during application.
- Clean visibly dirty surfaces prior to spraying.
- Wear a N95 filtering facepiece respirator or half face respirator with a N95 filter and eye protection (goggles, face shield or safety glasses) when spraying.
- Select a spray nozzle that produces spray droplet particles with a volume median diameter (VMD) $\geq 80 \mu\text{m}$.
- Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF.
- Hold the sprayer nozzle 12 inches away from the target surface. Starting at the highest point and working down to the lowest point, spray target surfaces using a smooth methodical "S" pattern. To avoid leaving gaps in sprayed surfaces, overlap previously treated surfaces when moving onto subsequent sections.
- The target surface must remain visibly wet for 5 minutes. Re-apply product as necessary to keep surface visibly wet for the duration of the contact time. Wipe surfaces dry or rinse or allow to air dry.
- Allow the treated room to remain unoccupied for 15 minutes before reentering. **Non-Acid Toilet**

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Bowl and Urinal Disinfectant / Cleaner Directions:

Remove visible filth prior to disinfection. **From Concentrate:** Add 2 oz. to the bowl and mix. Brush over exposed surfaces and under the rim; allow to remain visibly wet for 5 minutes and flush. **From Use Solution:** Empty toilet bowl or urinal and apply 2 - 8 oz. per gallon use-solution to exposed surfaces and under the rim with a cloth, mop, sponge or mechanical spray. Brush or swab thoroughly; allow to remain visibly wet for 5 minutes and flush. **For Use on Finished Floors:** To limit gloss reduction use Q.T. 5 at 2 oz. per gallon of use-solution. Apply with a damp mop, spray mop or auto scrubber or spray. Allow surface to remain visibly wet for 5 minutes. Wipe or allow to air dry. **SALON / BARBER INSTRUMENTS AND TOOLS DISINFECTION BACTERICIDE / VIRUCIDE DIRECTIONS:**

Mix 2 oz. of Q.T. 5 per gallon of use-solution to disinfect hard, non-porous instruments and tools. Completely immerse combs, brushes, rollers, manicure and other salon instruments and allow them to remain visibly wet for contact time indicated on the label. For visibly soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use.

Note: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after required contact time, rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

Ultrasonic Bath Disinfectant / VIRUCIDAL Directions:

Use Q.T. 5 to disinfect hard, non-porous, non-critical objects compatible with Ultrasonic cleaning units. Pour fresh use-solution of 2 oz. per gallon of water directly into bath chamber. Preclean heavily soiled objects. Place objects into unit and operate for a minimum of 5 minutes, according to the manufacturer's directions. Remove objects and wash with sterile water (sterile water for injection) or allow to air dry. Prepare fresh solution for each use.

DISINFECTION OF WHIRLPOOL BATHS:

After using the whirlpool bath, drain and refill with

fresh water to cover the highest jet. Add 2 oz. of Q.T. 5 for each gallon of fresh water added. Start the pump to circulate the solution. Wash down the sides, deck, seat of chair lift, any related equipment, and any uncovered surfaces on the bath with a clean swab, brush or sponge. Treated surfaces must remain visibly wet for a minimum of 5 minutes. After the bath has been thoroughly disinfected, drain the solution from the bath and rinse the disinfected surfaces with fresh water. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for visibly soiled units. **DISINFECTION OF FOOT SPAS:**

After using the whirlpool foot spa, drain the water. Use 2 oz. of product per gallon of water to cover the intake valve or 2 inches above the highest jet. Start the pump to circulate the solution. Swab exposed surfaces including unit sides, chair and any related equipment thoroughly with a cloth, sponge or brush and allow treated surfaces and solution to stand for a minimum of 5 minutes. After the unit has been thoroughly disinfected rinse all disinfected surfaces with fresh water. **VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION / VIRUCIDAL DIRECTIONS:**

For cleaning and disinfecting hard, non-porous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Using the appropriate dilution, saturate surfaces with a use-solution of Q.T.5, allow to remain visibly wet for a period of 5 minutes. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Rinse all surfaces that come in contact with food, including equipment used for feeding or

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watering, with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

FARM PREMISE USE:

Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Using the appropriate dilution, saturate all surfaces with a use-solution of **Q.T. 5** for a period of 5 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

POULTRY AND SWINE PREMISE DISINFECTION / VIRUCIDAL DIRECTIONS:

Remove all animals and feeds from premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Using the appropriate dilution of **Q.T. 5**, saturate surfaces with the disinfecting solution for 5 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, coops and other closed spaces. Do not house animals or employ

equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

Hatcheries: Use 2 oz. of **Q.T. 5** per gallon of use-solution to treat the following hard, non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard, non-porous surfaces. Leave all treated surfaces visibly wet for 5 minutes. Then allow to air dry. Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed.

Vehicles: Treat all vehicles including mats, crates, cabs and wheels with water and **Q.T. 5**. Use 2 oz. of **Q.T. 5** per gallon of use-solution to treat all vehicles. Leave all treated surfaces visibly wet for contact time indicated on the label; allow to air dry.

Dressing Plant Disinfectant Directions: Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect all rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all heavy soils prior to application. Saturate all surfaces with a 2 oz. of **Q.T. 5** per gallon of use-solution. Scrub to loosen all soils. Surfaces must remain visibly wet for 5 minutes, then thoroughly rinsed with potable water before operations are resumed.

WATER DAMAGE RESTORATION AGAINST ODOR-CAUSING BACTERIA FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE: NOT FOR USE IN CALIFORNIA.

This product is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushions, subfloors, drywall, trim and frame lumber, tackless strip and paneling. Using appropriate dilution, saturate the affected materials with enough product to remain visibly wet for at least 5 minutes.

Sewer Backup and River Flooding: During mitigation procedures, dilute 2 - 4 oz. of the concentrate per gallon of use-solution, allowing for the diluting effect of absorbed water within saturated

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materials. Remove visible soil along with non-salvageable materials. Saturate all affected areas with a coarse spray device before and after cleaning and extraction. **Carpets, Carpet Cushions and Other Porous Materials such as Subfloors, Drywall, Trim and Frame Lumber, Tackless Strip and Paneling:** For water damage from a clean source, extract excess water. Test hidden area for colorfastness. Dilute 2 - 4 oz. of the concentrate per gallon of use-solution, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Saturate all affected areas with a coarse spray device. Roll, brush or agitate into the materials and allow materials to remain visibly wet for 5 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly. **To Clean and Deodorize:** Mix 2 oz. of Q.T. 5 per gallon of use-solution to clean and deodorize surfaces. Apply using a sprayer. Wipe or allow to air dry. **DEODORIZING DIRECTIONS: Spray Mopping Solutions:** 2 - 4 oz. per gallon of use-solution eliminates undesirable odors. Allow surfaces to air dry. **Nursing Homes, Hospitals, Hotels, Schools, Restaurants:** Using 2 - 4 oz. per gallon of use-solution in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes and air conditioner pans will eliminate odors. **Mopping Solutions, Automatic Scrubbers:** Use 2 - 4 oz. per gallon of cleaning solution to eliminate undesirable odors. **Cleaning Solution:** Dilute 2 - 4 oz. per gallon of use-solution for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors and large routine applications. Apply to surfaces using trigger spray or other spray device. Remove excess liquid or allow surfaces to air dry.

Efficacy

BACTERICIDAL ACTIVITY: 5-minute contact time, *Pseudomonas aeruginosa* (*Pseudomonas*), *Salmonella enterica* (*Salmonella*), *Staphylococcus aureus* (*Staph*), *Acinetobacter baumannii*

(*Acinetobacter*), *Enterobacter aerogenes*, *Enterobacter cloacae* NDM-1 - Carbapenem Resistant (CRE), *Enterococcus faecalis* - Vancomycin resistant (VRE), *Escherichia coli* (*E. coli*), *Escherichia coli* O157:H7, *Escherichia coli* - Extended Spectrum Beta Lactamase producing (ESBL *E. coli*), *Escherichia coli* NDM-1 - Carbapenem Resistant (CRE), *Klebsiella pneumoniae* (*Klebsiella*), *Klebsiella pneumoniae* - Extended Spectrum Beta Lactamase producing, *Klebsiella pneumoniae* NDM-1 - Carbapenem Resistant (CRE), *Staphylococcus aureus* - Community Associated Methicillin-Resistant (CA-MRSA) (NRS384)(USA300), *Staphylococcus aureus* - Methicillin-Resistant (MRSA), *Staphylococcus aureus* - Vancomycin Resistant (VRSA), *Streptococcus pyogenes* (*Strep*) **FUNGICIDAL ACTIVITY: 5-minute** contact time, *Candida albicans*. **VIRUCIDAL ACTIVITY: 5-minute** contact time, *Adenovirus Type 5, *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 A Virus (H7N9), *Influenza A Virus /H3N2 (Influenza), *Norwalk Virus - Norovirus, *Respiratory Syncytial Virus (RSV), *SARS associated Coronavirus (SARS), *Vaccinia, *Avian Influenza (H5N1), *Feline Calicivirus. **1-minute** contact time: *SARS-Related Coronavirus 2 (SARS-CoV-2) (cause of COVID-19).

Flammability RTU	0
Health RTU	0
Reactivity RTU	0