

Hillyard Parent Number

A hard surface cleaner disinfectant with a broad claim set provides efficacy against a wide array of pathogens with fast contact times. HIV-1, Influenza Type A / H3N2, SARS-Related Coronavirus 2 (cause of COVID-19). Three minute - Broad spectrum of bacterial, viral, and fungal and Five minute - Norovirus, Feline Calicivirus. Cross-contamination is of major housekeeping concern QT 3 has been formulated to aid in the reduction of cross-contamination on treated surfaces not only in hospitals, but in schools, institutions, and industry.

For use as a One-Step Cleaner and Disinfectant by Electrostatic Spraying. Electrostatic spray application is for bactericidal efficacy claims with a 3-minute contact time.

Features & Benefits

Fast Contact Times.

Cost Effective Concentrate Broad Claim Set.

Simple, Fast Spray Application.

Item Number & Unit of Measure

Item Number	HIL0084300
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Specifications

Color	Blue
Appearance	Clear to slightly
Fragrance	Floral
Formula Type	Liquid
Dilution Ratio	1:128
PH	12.0 - 13.5
Non-Volatile Matter	33.0 - 35.0%
EPA Registration #	6836-349-1658

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. 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 ½ -- 1 oz. per gallon of water. For heavy duty use, mix 2 oz. per gallon of water. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes, Serratia marcescens and Enterovirus D68. **DISINFECTION / VIRUCIDAL* / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:** Spray use-solution 6-8 inches from hard, non-porous surfaces, thoroughly wetting surfaces. Treated surfaces must remain visibly wet for 3 minutes. Do not breathe spray. For disinfection against HIV-1, Influenza Virus Type A / H3N2 and SARS-CoV-2, treated surfaces must remain visibly wet for 1 minute. For disinfection against Enterovirus and Norovirus, treated surfaces must remain visibly wet for 5 minutes. For disinfection against Legionella pneumophila, and SARS Associated Coronavirus, treated surfaces must remain visibly wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For visibly soiled areas, a preliminary cleaning is required. Rinse all surfaces that come in contact with food

Q.T.®-3 Disinfectant Cleaner (continued)



such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes.

To disinfect food processing facilities: Spray solution 6-8 inches from the surfaces and allow to remain wet for 3 minutes. Rinse food contact surfaces with potable water prior to reuse. **For use as a One-Step Cleaner and Disinfectant by Electrostatic Spraying1:**

Electrostatic spray application is for bactericidal efficacy claims with a 3 minute contact time and 1:256 dilution and virucidal efficacy claims with a 5 minute contact time and 1:128 dilution. This application method is not to be used to treat surfaces for sanitization 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 {insert contact time}. 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.
- Bactericidal Stability of Use-Dilution:** Tests confirm that the use solution of this product, when stored in a

sealed container such as a spray bottle, remains effective for 90 days 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. **For fungicidal activity: Q.T. 3** is an effective fungicide against Trichophyton interdigitale (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. **Q.T. 3** is a one-step fungicide¹ at 1/2 oz. per gallon in 250 ppm hard water and 5% serum. **For mold and mildew:** At ½ -- 1 oz. per gallon, **Q.T. 3** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears. 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. **TO SANITIZE SOFT SURFACES:** Mix 1/2 - 1 oz. per gallon of water. Apply use-solution with a sprayer. Hold bottle 6" - 8" from surface and spray until fabric is wet. Fabric must remain visibly wet for 5 minutes. Allow fabric to Air dry. (Reapply as necessary). Visibly soiled areas must be cleaned prior to sanitizing. **FOR USE ON FINISHED FLOORS:** To limit gloss reduction use **Q.T. 3** at ½ -- 1 oz. per gallon. Spray onto floor at a distance of 6-8 inches from the floor. Allow surface to remain visibly wet for contact time indicated on the label. Wipe or allow to air dry. ***KILLS HIV AND HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS**

Q.T.®-3 Disinfectant Cleaner (continued)



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. 3**. **Contact Time:** Leave surface visibly wet for 1 minute for HIV-1 and 3 minutes for HBV and HCV with a ½ -- 1 oz. per gallon use-solution. Use contact time indicated on the label for disinfection against all other viruses, bacteria and fungi claimed. **Disposal of Infectious Material:** Blood, body fluids, cleaning materials and clothing must be disposed of according to local regulations for infectious waste disposal. **SALON / BARBER INSTRUMENTS AND TOOLS DISINFECTION BACTERICIDE / VIRUCIDE / FUNGICIDE DIRECTIONS:**

Mix ½ -- 2 oz. of **Q.T. 3** per gallon of water to disinfect hard, non-porous instruments and tools. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens. Spray 6-8 inches away from the surface of combs, brushes, plastic rollers, manicure and other salon instruments and tools and allow them 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:** Stainless steel shears and instruments must be rinsed and dried and kept in a clean, non-contaminated receptacle. Prolonged contact with the disinfectant solution may cause damage to metal instruments.

VEHICLES: Treat all vehicles including mats, crates, cabs and wheels with water and **Q.T. 3**. Use ½ -- 1 oz. of **Q.T. 3** per gallon of water to treat all vehicles. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens. 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 ½ -- 1 oz. of **Q.T. 3** per gallon of water solution. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens. Scrub to loosen all soils. Surfaces must remain visibly wet for contact time indicated on the label, then thoroughly rinsed with potable water before operations are resumed. **TO SANITIZE NON-FOOD CONTACT SURFACES:**

Spray use-solution 6-8 inches from hard, non-porous surfaces, visibly wetting surfaces. Treated surfaces must remain visibly wet for 15 seconds. Wipe dry with a sponge, mop or cloth or allow to air dry. Do not use in food preparation, food handling and food storage areas. This product is not to be used on glassware, dishware, cookware or utensils. **TO CLEAN AND DEODORIZE:** Mix ½ -- 1 oz. of **Q.T. 3** per gallon of water to clean and deodorize hard, non-porous, non-food surfaces. Apply using a sprayer. Wipe or allow to air dry.

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

DEODORIZING DIRECTIONS: Spray

Solutions: ½ -- 1 oz. per gallon of water eliminates undesirable odors. Allow surfaces to air dry.

Carpets: ½ -- 1 oz. per gallon of water eliminates odors associated with urine, vomit, smoke, and mildew. Reapply using a spray device after cleaning for freshening effects. Allow to dry. **Sewage**

Q.T.®-3 Disinfectant Cleaner (continued)



Backup, Water Damage: 1 - 2 oz. per gallon of water or desired concentration. Spray over affected areas before and after cleaning and extraction. Allow ten minutes contact time. Use proper ventilation; open windows. **Cleaning Solution:** Dilute ½ -- 1 oz. per gallon of water for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, 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

1-MINUTE CONTACT TIME:*HIV-1, *Influenza Type A / H3N2, SARS-Related Coronavirus 2 (cause of COVID-19). **3-MINUTE CONTACT TIME:** Pseudomonas aeruginosa, Salmonella enterica, Staphylococcus aureus, Acinetobacter baumannii, Bordetella bronchiseptica, Bordetella pertussis, Campylobacter jejuni, Enterococcus faecalis, Enterococcus faecalis - Vancomycin resistant, ESBL Escherichia coli, Escherichia coli (E. coli), Escherichia coli O157:H7, Klebsiella aerogenes at 1:128 dilution, Klebsiella pneumoniae, Klebsiella pneumoniae, Carbapenem-resistant, Listeria monocytogenes, Proteus vulgaris, Serratia marcescens at 1:128 dilution, Shigella dysenteriae, Shigella flexner serotype 1B, Shigella sonnei, Staphylococcus aureus - Community Associated Methicillin-Resistant (NARSA NRS 384), Staphylococcus aureus - Community Associated Methicillin-Resistant (NARSA NRS 123), Staphylococcus aureus - Methicillin-Resistant, Staphylococcus aureus - Multi-Drug Resistant, Staphylococcus aureus - Vancomycin Intermediate Resistant, Streptococcus pyogenes, Vibrio cholerae, Yersinia enterocolitica, *Hepatitis B Virus, *Hepatitis C Virus, *Herpes Simplex Virus Type 1, *Herpes Simplex Virus Type 2, *Human Coronavirus, *Respiratory Syncytial Virus, *Rotavirus, *Vaccinia, Candida albicans, Trichophyton interdigitale (the Athlete's Foot Fungus). **5-MINUTE CONTACT TIME:** *Enterovirus D68 - at 1:128 dilution, *Norovirus - at 1:128 dilution **10-MINUTE CONTACT TIME:** Legionella pneumophila, *SARS

Associated Coronavirus

Q.T. 3 is a sanitizer for hard nonporous non-food contact surfaces at 1:256 dilution (1/2 oz. per gallon) tested according to the method for Sanitizers - Non-food Contact surfaces, modified in the presence of 250 ppm hard water plus 5% organic serum in 15 seconds against:

Enterobacter aerogenes - Klebsiella pneumoniae - Listeria monocytogenes - Staphylococcus aureus - Staphylococcus aureus-Methicillin-Resistant [MRSA]

HMS Ratings

Flammability RTU	0
Health RTU	1
Reactivity RTU	0