

256 Century Q TECHNICAL BULLETIN

256 Century Q is a no-rinse neutral pH disinfectant cleaner that disinfects and cleans in one step.

One Step Disinfectant Germicidal Detergent

Disinfectant, Non-Food Contact Sanitizer, Cleaner, Mildewstat, Fungicide, Virucide*, for Hospitals, Nursing Homes, Whirlpool, Food Service, Commercial, Institutional, and Industrial Use, Suitable For Use in Meat and Poultry Plants, Schools, Dairy, Equine, Poultry/Turkey Farm, Veterinary, Restaurant, Food Handling and Process Areas.

Where to Use

256 Century Q is for use on hard, non-porous surfaces in: Hospitals, medical and dental offices and clinics, healthcare facilities, nursing homes, EMS & fire facilities, emergency vehicles, day care centers and nurseries, restaurants and bars, supermarkets, retail and wholesale establishments, correctional facilities, Institutional facilities, hotels and motels, public restrooms, shower rooms, schools, colleges, commercial and industrial institutions, athletic facilities and locker rooms, exercise facilities, health clubs, whirlpools, food preparation and storage areas, food processing plants, USDA inspected food-processing facilities, farms, veterinary clinics, animal life science laboratories, kennels, zoos, tack shops, pet shops, campers, RV's, automobiles, cruise ships and public transportation.

Surface Safe

256 Century Q is formulated to disinfect on hard, non-porous surfaces such as: Hospital beds, bed railings, bedpans, shower stalls, toilet bowl surfaces, urinals, empty diaper pails, vanity tops, glazed porcelain, glazed tile and restroom fixtures, tables, chairs, desks, bed frames, lifts, washable walls, cabinets, doorknobs and garbage cans/pails, glass, laminated surfaces, metal, stainless steel, glazed porcelain, glazed ceramic, sealed granite, sealed marble, plastic such as polycarbonate, polyvinylchloride, polystyrene or polypropylene, sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl, enameled surfaces, finished woodwork, vinyl and plastic upholstery, washable wallpaper, wrestling and gymnastic mats, athletic training tables, physical therapy tables, exercise equipment.

Multi-Clean 256 Century Q Disinfectant Cleaner (EPA registration No. 47371-129-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SARS-CoV-2, the cause of COVID-19) on hard, non-porous surfaces.

Therefore, **Multi-Clean 256 Century Q Disinfectant Cleaner** can be used against the 2019 Novel Coronavirus (SARS-CoV-2, the cause of COVID-19) when used in accordance with directions for use against Adenovirus type 4 on hard, non-porous surfaces.

For more information about the 2019 Novel Coronavirus (SARS-CoV-2, the cause of COVID-19), refer to the CDC website <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for additional information.

Properties

Appearance	Red Liquid
Fragrance	Floral Scent
pH (undiluted).....	7.2 - 8.2
Specific Gravity.....	1.004 - 1.008
Flashpoint.....	>199°F
Foam	Low - moderate
Rinseability	Excellent
Storage Stability	1 year under normal conditions
EPA Registration Number.....	47371-129-5449

* Complies with Bloodborne Pathogens Act. 256 Century Q kills bloodborne pathogens HBV, HCV & HIV-1, making it suitable for low level disinfection of surfaces contaminated with blood or bodily fluids.

256 Century Q is a sanitizer for hard nonporous non-food contact surfaces] according to the method for Sanitizers - Non-Food Contact Surfaces, modified in the presence of 400 ppm hard water plus 5% organic serum in 60 seconds against:

Enterobacter aerogenes Staphylococcus aureus

Effective against the following pathogens:

Bacteria:

Pseudomonas aeruginosa¹
Salmonella enterica
Staphylococcus aureus¹
Acinetobacter baumannii
Acinetobacter calcoaceticus
Bordetella bronchiseptica
Chlamydia psittaci
Enterobacter aerogenes
Enterobacter cloacae
Enterobacter cloacae - NDM-1
Enterococcus faecalis – Vancomycin Resistant [VRE]
Escherichia coli¹
Escherichia coli - NDM-1
Fusobacterium necrophorum
Klebsiella pneumoniae¹
Klebsiella pneumoniae - NDM-1
Legionella pneumophila
Listeria monocytogenes
Pasteurella multocida
Proteus mirabilis
Proteus vulgaris
Salmonella enteritidis
Salmonella typhi
Salmonella typhimurium
Serratia marcescens
Shigella flexneri
Shigella sonnei
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 - Vancomycin Intermediate Resistant [VISA]
Staphylococcus epidermidis²
Streptococcus faecalis¹
Streptococcus pyogenes [Strep]

¹ ATCC & antibiotic-resistant strain

² antibiotic-resistant strain only

Viruses:

*Adenovirus Type 4
*Adenovirus Type 7 - at 2 oz. per gallon
*Hepatitis B Virus [HBV]
*Hepatitis C Virus [HCV]
*Herpes Simplex Virus Type 1
*Herpes Simplex Virus Type 2
*Human coronavirus
*HIV-1 [AIDS virus]
*Influenza A Virus / Hong Kong
*Rotavirus [WA]

- *Rubella virus
- *SARS Associated Coronavirus [SARS]
- *Vaccinia [Pox virus]

Animal Viruses:

- *Avian Influenza (H5N1)
- *Avian polyomavirus
- *Canine distemper
- *Equine Herpes Virus Type 1
- *Feline coronavirus
- *Feline leukemia
- *Feline panleukopenia virus
- *Feline picornavirus
- *Infectious bovine rhinotracheitis
- *Infectious bronchitis [Avian IBV]
- *Newcastle Disease
- *Porcine parvovirus
- *Pseudorabies [PRV]
- *Rabies
- *Transmissible gastroenteritis virus [TGE]

Fungi:

- Aspergillus niger
- Candida albicans
- Trichophyton mentagrophytes [Athlete's Foot Fungus]

DISINFECTION / CLEANING / DEODORIZING DIRECTIONS: Remove heavy soil deposits from surface. Then thoroughly wet surface with a use-solution of ½ ounce of concentrate per gallon of water or equivalent. Use 2 oz. per gallon of water to kill Adenovirus Type 7. The use-solution can be applied with a cloth, mop, sponge, or coarse spray, or soaking. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.

This product is not for use on food contact surfaces.

For Human Coronavirus, treated surfaces must remain wet for 1 minute. Wipe dry with a clean cloth, sponge or mop or allow to air dry.

For Influenza Virus Type A, treated surfaces must remain wet for 2 minutes. Wipe dry with a clean cloth, sponge or mop or allow to air dry.

BACTERICIDAL STABILITY OF USE-DILUTION: Tests confirm that 256 Century Q, when diluted in 200 ppm hard water via use of automatic dispensing devices, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 7 days when stored in a sealed container such as a spray bottle. 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.

TO SANITIZE NON-FOOD CONTACT HARD NON-POROUS SURFACES:

Mix ½ oz. of 256 Century Q per gallon of water to sanitize [hard nonporous] surfaces. Treated surfaces must remain wet for 60 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.

SANITIZATION OF BATHS:

After using the bath, drain and refill with fresh water to just cover the intake valve. Add ½ oz. of 256 Century Q for each gallon of fresh water added. Start the pump to circulate the solution. Wash down the sides, seat of chair lift, any related equipment, and any uncovered hard non-porous surfaces on the bath with a clean swab, brush or sponge. Treated surfaces must remain wet for at least 60 seconds. After the bath has been thoroughly sanitized, drain the solution from the bath. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavily soiled units.

Deodorizing directions:

Nursing Homes, Hospitals, Hotels, Schools, Restaurants: Using 1/2 oz. 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 1/2 oz. per gallon of cleaning solution to eliminate undesirable odors.

Laundry: ½ oz. per load added during the final rinse cycle deodorizes all offensive odors.

Air Freshener/Automotive Uses: 2 oz. per gallon of water will effectively neutralize damp musty odors caused by mildew in storage areas, basements, closets and bathrooms. Effective on smoking and cooking odors [garlic, fish, onions, etc.]. Automobile odors from tobacco, musty carpet smell and beverage smells will be eliminated.

Carpets: ½ oz. per gallon of shampoo solution eliminates odors associated with urine, vomit, smoke, and mildew. Reapply after cleaning for freshening effects. Allow to dry.