

## 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 aeruginosa*1  
*Salmonella enterica*  
*Staphylococcus aureus*1  
*Acinetobacter baumannii*  
*Acinetobacter calcoaceticus*  
*Bordetella bronchiseptica*  
*Chlamydia psittaci*  
*Enterobacter aerogenes*  
*Enterobacter cloacae*  
*Enterobacter cloacae* - NDM-1  
*Enterococcus faecalis* – Vancomycin Resistant [VRE]  
*Escherichia coli*1  
*Escherichia coli* - NDM-1  
*Fusobacterium necrophorum*  
*Klebsiella pneumoniae*1  
*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 epidermidis*2  
*Streptococcus faecalis*1  
*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. 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.

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 this product, when diluted in 200 ppm hard water, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to one year 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.

**TOILET BOWLS / URINALS** Swab bowl with brush to remove heavy soil prior to cleaning or disinfecting. Clean by applying use-solution around the bowl and up under the rim. Stubborn stains may require brushing. To disinfect, first preclean to remove heavy soil, then remove or expel over the inner trap the residual bowl water. Pour in 3 oz. of the use-solution. Swab the bowl completely using a scrub brush or mop, making sure to get under rim. Let stand for 10 minutes or overnight, then flush.

**FUNGICIDAL DIRECTIONS:** For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

**MILDEWSTATIC INSTRUCTIONS:** Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors, and table tops. Apply use-solution of ½ oz. per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

To control the growth of mold and mildew on large inflatable non-porous plastic and rubber structures [animals, promotional items, moonwalks, obstacle course play and exercise equipment]: Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of ½ oz. per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears. Ventilate buildings and enclosed spaces. Do not use equipment until treatment has been absorbed, set or dried.

#### **CLEANING AND DISINFECTING HARD NONPOROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT**

**[RESPIRATORS]:** Preclean equipment if heavily soiled to ensure proper surface contact. Add ½ oz. of of this product to one gallon of water. Gently mix for a uniform solution. Apply solution to hard, nonporous surfaces of the respirator with a brush, coarse spray device, sponge, or by immersion. Thoroughly wet all surfaces to be disinfected. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. Comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR §1910.134).

**TO SANITIZE NON-FOOD CONTACT HARD NON-POROUS SURFACES:** Add ½ oz. of this product 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.

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.



600 Cardigan Road  
Shoreview Minnesota  
Phone 651-481-1900