

# 64 Millennium Q

## Restroom Disinfectant Cleaner

- Cleans and Disinfects Restroom Fixtures and Floors
- Cost Effective and Time Efficient
- Provides both General Cleaning and Disinfecting<sup>4</sup>
- Kills the virus that causes COVID-19<sup>5</sup> on hard non-porous surfaces



# 64 Millennium Q

## Restroom Disinfectant Cleaner



### Cleans and Disinfects

64 Millennium Q delivers non-acid disinfection performance in an economical concentrate. Millennium Q is for use on hard, nonporous surfaces in: restrooms, shower stalls and toilets, patient care facilities, schools and colleges, athletic facilities and locker rooms, veterinary clinics, hotels, day care centers and newborn nurseries. When used as directed, 64 Millennium Q is a concentrated hospital use disinfectant that is a broad-spectrum bactericide and virucide.

#### Virucidal

When diluted at the rate of 2 fluid ounces per gallon of water, this product exhibits effective virucidal activity against Hepatitis B (HBV), Hepatitis C (HCV), Human Immunodeficiency Virus Type I (HIV-1), Norovirus, and Adenovirus in 10 minutes.

When diluted at the rate of 2 fluid ounces per gallon of water, this product exhibits effective virucidal activity against SARS-CoV-2 in 1 minute.

At 8 fluid ounces per gallon or equivalent dilution rate, this product is effective against the following viruses on hard non-porous environmental surface with a 10-minute contact time: Canine Parvovirus (CPV), Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza Virus (causative agent of viral Kennel Cough), Feline Panleukopenia Virus (Feline Parvovirus), Feline Rhinotracheitis Virus, Feline Coronavirus, Feline Picornavirus and Porcine Parvovirus.

#### Bactericidal

When diluted at the rate of 2 fluid ounces per gallon of water, this product exhibits effective, one-step<sup>2,4</sup> disinfectant activity against the organisms: MRSA, VISA, VRE, and E. Coli and meets all requirements for hospital use.

#### Fungicidal

64 Millennium Q is also fungicidal against the pathogenic fungi, Trichophyton interdigitale when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet. Follow the Disinfection directions.

#### Markets

Food Service<sup>2</sup>, Education, Commercial, Retail, Day Care, Health Care, Churches, Factories, Veterinary Clinics, and Athletic Facilities.

### Quick Guide

<b>Dilution</b>	1:64 (703 ppm quat)
Squeeze n Pour.....	1/2 oz. (15 mL) per quart of water
Squeeze n Pour.....	2 oz (59 mL) per gallon of water
Yield per 2 liters.....	34 Gallons RTU
Yield per 2 liters.....	136 Quarts RTU

**Uses:** For cleaning and disinfecting restroom surfaces including toilets, urinals, countertops<sup>2</sup>, doorknobs and floors.

**Surfaces:** Countertops<sup>2</sup>, Glazed Ceramic Tile, Metal<sup>3</sup>, Stainless Steel<sup>3</sup>, Plastic, Laminate, Glazed Porcelain, Sealed Granite and Sealed Marble.

**Equipment:** mop, cloth, sponge, sprayer

Note: The below is to replace the current statement on pg2. "Multi-Clean 64 Millennium Q can be found on EPA list L: 'Registered antimicrobial products that meet CDC criteria for use against the EBOLA virus'. [www.epa.gov](http://www.epa.gov)."

Multi-Clean 64 Millennium Q has demonstrated effectiveness against viruses similar to the Ebola virus on hard, non-porous surfaces. Therefore, this product can be used against Ebola Virus Disease when used in accordance with the directions for use against Norovirus on hard, nonporous surfaces. Refer to the CDC website at <https://www.cdc.gov/vhf/ebola/> for additional information.



### Properties

Appearance .....	Orange Liquid
pH (undiluted) .....	11.7
Specific Gravity .....	1.004 - 1.008
Flashpoint .....	>200F
% Active .....	4.5%
Foam .....	Low - moderate
Rinseability .....	Excellent
Storage Stability .....	1 year under normal conditions
Freeze - Thaw Stability .....	Passes three cycles
EPA Registration .....	1839-95-5449

### Directions

#### Directions:

To disinfect inanimate, hard, non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low-pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain visibly wet for 10 minutes, then remove excess liquid. For visibly soiled areas, a pre-cleaning step is required. Prepare a fresh use-solution daily or more often if the use-solution becomes visibly dirty or diluted.

<sup>2</sup> Non-food contact surfaces only.

<sup>3</sup> This product is not for use on critical and semi-critical medical device surfaces.

<sup>4</sup> when used according to disinfection directions.

<sup>5</sup> Severe Acute Respiratory Syndrome Coronavirus 2

### Multi-Task System

Available in the Multi-Task line:  
Multi-Task 64 Millennium Q  
Order Information: 902292



Available USA Only

### Packaging

Size	Part no.
1 Gallon	902293
55 Gallons	902297

## 64 Millennium Q Claims

At 2 ounces per gallon with a 10 minute contact time, this product is effective against:

### Virucidal Activity:

Adenovirus Type 2  
Hepatitis B virus (HBV)  
Hepatitis C virus (HCV)  
Herpes Simplex Type 1  
Human Coronavirus  
Human Immunodeficiency Virus Type 1 (HIV-1)  
Influenza A2/Japan  
Norovirus (Norwalk Virus)  
Pandemic 2009 H1N1 Influenza A Virus  
SARS Associated Coronavirus

### Fungicidal Activity:

Trichophyton mentagrophytes

### Mildewstat Activity:

Aspergillus niger

### Bactericidal Activity:

Brevibacterium ammoniagenes  
Enterobacter aerogenes  
Escherichia coli  
Klebsiella pneumoniae  
Methicillin resistant Staphylococcus aureus (MRSA)  
Pseudomonas aeruginosa  
Salmonella enterica  
Salmonella schottmuelleri  
Shigella dysenteriae  
Staphylococcus aureus  
Streptococcus faecalis  
Streptococcus pyogenes (Clinical - Flesh Eating Strain BIRD M3)  
Streptococcus salivarius  
Vancomycin intermediate resistant Staphylococcus aureus (VISA)  
Klebsiella pneumoniae New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant  
Acinetobacter baumannii  
Enterococcus faecium  
Vancomycin resistant Enterococcus faecalis (VRE)

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### Animal Viruses (2oz/gallon):

Avian Influenza A Virus (H3N2) (Avian Reassortant)  
Avian Influenza Virus Type A (Turkey/WIS/66) (H9N2)  
Bovine Viral Diarrhea Virus (BVDV)  
Feline Calicivirus (FCV)  
Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)  
Vaccinia Virus

### Animal Viruses (8oz/gallon):

Canine Parvovirus  
Canine Adenovirus  
Canine Coronavirus  
Canine Parainfluenza Virus  
Feline Panleukopenia  
Feline Rhinotracheitis  
Feline Coronavirus  
Feline Picornavirus  
Porcine Parvovirus

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**BACTERICIDAL STABILITY of USE-DILUTION:** Efficacy tests confirm that this product when diluted as directed remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 30 days when stored in a sealed container such as a spray bottle. If the diluted product becomes visibly dirty or contaminated, it must be discarded, and fresh diluted product must be prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the diluted product does not apply to open containers such as buckets or pails.