



PRODUCT DATA SHEET

103 DISINFECTANT 256

103 Disinfectant 256 is a one-step cleaner-disinfectant-fungicide-mildewcide-virucide. This formulation is effective against a broad spectrum of bacteria, is a virucidal, fungicidal and kills mildew when used as directed. Effective against HIV-1 (AIDS virus) and Hepatitis B virus. Effective against *SARS-CoV-2 (cause of Covid-19) in 1 minute.

DIRECTIONS FOR USE: Dilute with cold water.

Disinfection, Virucidal* Directions: Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. For Influenza Virus Type A, treated surfaces must remain wet for 1 minute. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray. Rinse all surfaces that come in contact with food with potable water before reuse. Do not use on utensils, glassware and dishes.

Disinfecting by Electrostatic Spraying: Electrostatic spray application is for efficacy claims with a 10 minute contact time and 1:256 dilution. This application method is not to be used to treat surfaces for sanitization or fungicidal claims. Ensure people and pets are not present in the room during application. Dirty surfaces should be cleaned prior to spraying. Wear a N95 filtering respirator and eye protection when spraying. Spray nozzle should produce droplet particles with a volume median diameter (VMD) ≥80 μm. 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 10 minutes. Re-apply product as necessary to keep surface visibly wet for the duration of the contact time. Wipe surfaces dry or allow to air dry. Keep the treated room unoccupied for 15 minutes before reentering.

Fungicidal Directions: Dilute at ½ oz. per gallon water and allow surface to remain wet for 10 minutes. Follow disinfection instructions. Repeat treatment every seven days or as needed.

For Mold and Mildew: Use ½ oz. per gallon of water to control mold and mildew when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days or as needed.

To Clean and Deodorize: Use ½ oz per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry. Using ½-1 oz. in waste receptacles, bed pans, hampers, disposals, and commodes will eliminate odors. Using ½-1 oz. per gallon of cleaning solution in mop buckets or automatic scrubbers eliminates undesirable odors. For carpets use ½-1 oz. per gallon of shampoo solution to eliminate odors associated with urine, vomit, smoke, and mildew. Reapply after cleaning for freshening effects. Allow to dry.

To sanitize soft surfaces: Mix ½ 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 wet for 5 minutes. Allow fabric to air dry. Soiled areas must be cleaned prior to sanitizing.

SPECIFICATIONS

Appearance	Green transparent liquid
Fragrance added	Floral
pH	12-13
Specific gravity @25°	0.99-1.05
Unopened shelf life	2 years

Refer to the Safety Data Sheet (SDS) for detailed safety, health and environmental information.

PACKAGING

Available in 1 gallon jugs.

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11 Norfolk Street
Mansfield, MA 02048
877-4-JANSAN
www.nextgensupply.com

Next-Gen Supply Group is part of Envoy Solutions company, a specialized distributor and solution provider in jan-san, foodservice, packaging, and marketing execution.

As a disinfectant, 103 Disinfectant 256 is effective against the following pathogens:

Bacteria:

Pseudomonas aeruginosa [Pseudomonas]
Staphylococcus aureus [Staph]
Salmonella enterica [Salmonella]
Acinetobacter baumannii
Burkholderia cepacia
Campylobacter jejuni
Corynebacterium ammoniagenes
Enterobacter aerogenes
Enterobacter cloacae NDM-1 positive
Enterococcus faecalis [Enterococcus]
Enterococcus faecalis- Vancomycin Resistant [VRE]
Escherichia coli [E. coli]
Escherichia coli, New Delhi Metallo-Beta Lactamase (NDM-1)
ESBL Escherichia coli – [Extended spectrum beta-lactamase producing E. coli]
Klebsiella pneumoniae [Klebsiella]
Klebsiella pneumoniae – NDM-1 positive
Legionella pneumophila
Listeria monocytogenes [Listeria]
Salmonella schottmuelleri [Salmonella]
Salmonella typhi [Salmonella]
Serratia marcescens [Serratia]
Shigella dysenteriae [Shigella]
Staphylococcus aureus
 Community Associated Methicillin-Resistant
 [CA-MRSA] [NRS384] [USA300]
 [CA-MRSA] [NRS123] [USA400]
 Methicillin resistant – [MRSA]
 Multi-Drug Resistant [resistant to tetracycline [Tc], penicillin [Pc], streptomycin [Sm] and erythromycin [Em] and susceptible to chloramphenicol [Cm] in vitro]
Staphylococcus aureus-Vancomycin Intermediate Resistant – [VISA]
Streptococcus pyogenes [Strep]
Vibrio cholerae

Viruses:

*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 Virus Type A / Brazil]
*Influenza Virus Type A / Hong Kong]
*[2013] Influenza A Virus (H7N9)
*Respiratory Syncytial Virus [RSV]
*SARS Associated Coronavirus [SARS]
*SARS-Related Coronavirus 2 [SARS-CoV-2 cause of COVID-19]
*Vaccinia Virus [Pox Virus]

Animal Viruses:

Avian Influenza Virus (H3N2)
Avian Influenza Virus (H5N1)
Avian Infectious Bronchitis Virus
Canine Distemper Virus
Feline Calicivirus
Feline Panleukopenia Virus [8 oz. per gallon]
Murine Norovirus3
Newcastle's Disease Virus
Pseudorabies Virus

Fungi:

Aspergillus fumigatus
Aspergillus niger4 [mildew]
Trichophyton mentagrophytes [Athlete's Foot Fungus]