



# Disinfectant



# SPECTRUM 256

**Cleaner - Disinfectant - Detergent - Deodorizer**  
**\*Virucide - Fungicide** (against Pathogenic Fungi)  
**Mildewstat** (on Hard, Non-porous, Inanimate Surfaces)

This product combines a high level of germicidal activity with an efficient dilution ratio to provide you with optimum cost effectiveness. Highly versatile Spectrum 256 is a Cleaner, Disinfectant, Mildewstat, Fungicide, Virucide, and Deodorizer - all in one product. Its effectiveness extends to water hardness up to 400 ppm and soil loads up to 5% serum contamination. Spectrum 256 has a neutral pH and will not dull floor finish gloss, even with repeated use. It may be applied with a mop, cloth, towel, or a spray device that has a coarse spray pattern. This product is designed for sensitive, critical, healthcare, and institutional applications. Virtually any inanimate washable surface may be treated. Examples include floors, walls, tables, chairs, counter tops, sinks, tile, porcelain, and bed frames. May be use on **large inflatable non-porous plastic (rubber) (advertising) structures: animals, promotional items, moonwalks, slides, obstacle course play equipment, exercise equipment, exercise mats, wrestling mats.**

In today's critical healthcare and institutional environments there are organisms which are discussed more frequently. Spectrum 256 kills many of these including: Pseudomonas aeruginosa, Eschericia coli, Methicillin Resistant Staph Aureus (MRSA), **CA-MRSA (USA 300 & 400)**, HIV-1 (the AIDS virus), Vancomycin Resistant Enterococcus faecalis (VRE), and **SARS Associated Coronavirus.**

Features	-	Related Benefits
Quad - Quat Based (non-phenolic)	-	Hospital use disinfectant
Broad spectrum efficacy	-	Effective against a wide range of pathogenic bacteria and viruses as well as fungi, mold, and mildew
Kills odor causing bacteria	-	Counteracts odors
Nonstaining, noncorrosive	-	Safe for use on inanimate washable surfaces
Neutral pH cleaner	-	Safe on finished floors
High dilution ratio	-	Lower cost in use than most products

### Areas of Use -

- Hospitals, nursing homes
- Schools
- Food processing plants, food service establishments
- Transportation terminals
- Office buildings and manufacturing facilities
- Lodging establishments, retail business, and athletic/recreational facilities
- For large areas: operating rooms, patient care facilities, and restrooms, this product is designed to provide both general cleaning and disinfecting.

### To Use -

For effective cleaning, disinfecting, and deodorizing mix solution at 1:256 (1/2 oz per gallon of water). For these and other applications, see label for complete directions and use only as directed.

### Specification Data

Available Sizes - 4/1G	Physical State - Liquid
Color - Red	Fragrance - Mint
Wetting Ability - Excellent	Biodegradable - Yes
Total Actives - 21.70% quat	Detergency - Excellent
Specific Gravity - 1.05	pH (undiluted) - 7.0



Efficacy Data (on back) -



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**800.527.5722**  
**www.carrollco.com**

**PROFESSIONAL PRODUCTS**

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## Efficacy Data -

**All that at 1/2 ounce of Spectrum 256 per gallon of water.**

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND \*VIRUCIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO<sub>3</sub>) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM). THIS PRODUCT IS AN EFFECTIVE FUNGICIDE AGAINST THE LISTED FUNGI IN WATER UP TO 200 PPM HARDNESS (AS CaCO<sub>3</sub>) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

**BACTERICIDAL ACTIVITY** - At the 1/2 ounce per gallon dilution, this product demonstrates effective disinfectant activity against the organisms:

- Pseudomonas aeruginosa PRD-10
- Salmonella enterica
- Staphylococcus aureus
- Staphylococcus aureus (clinical isolate)
- Bordetella bronchiseptica
- Corynebacterium ammoniagenes
- Enterobacter aerogenes
- Enterobacter cloacae
- Enterobacter cloacae (clinical isolate)
- Enterococcus faecalis
- Enterococcus faecalis (clinical isolate)
- Escherichia coli
- Escherichia coli (clinical isolate)
- Fusobacterium necrophorum
- Klebsiella pneumoniae subsp. pneumoniae
- Lactobacillus casei subsp. Rhamnosus
- Listeria monocytogenes
- Pasteurella multocida
- Proteus vulgaris
- Proteus mirabilis ATCC 9921
- Proteus mirabilis ATCC 25933
- Salmonella choleraesuis subsp. choleraesuis serotype paratyphi B

- Salmonella choleraesuis subsp. choleraesuis serotype typhi
- Salmonella choleraesuis subsp. choleraesuis serotype typhimurium
- Salmonella choleraesuis subsp. choleraesuis serotype pullorum
- Serratia marcescens
- Shigella sonnei
- Shigella flexneri Type 2b
- Shigella dysenteriae
- Staphylococcus aureus subsp. Aureus
- Methicillin resistant Staphylococcus aureus (MRSA)
- Staphylococcus epidermidis
- Staphylococcus epidermidis (clinical isolate)
- Streptococcus pyogenes (Clinical - Flesh Eating Strain BIRD M3)
- Streptococcus pyogenes Group A
- Xanthomonas maltophilia (clinical isolate)
- Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51575)
- Vancomycin intermediate resistant Staphylococcus aureus (VISA)
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 123 Genotype USA400
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 384 Genotype USA300.

**FUNGICIDAL ACTIVITY** - At the 1/2 ounce per gallon dilution, this product is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus) and Candida albicans. Apply solution with a cloth, sponge or hand pump trigger sprayer to hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard non-porous surfaces commonly contacted by bare feet. Allow the surface to remain wet for 10 minutes, then remove excess liquid. Diluted product should be applied daily or more frequently with heavy facility use.

**\*VIRUCIDAL ACTIVITY**-This product when used on environmental, inanimate hard non-porous surfaces at 1/2 ounce per gallon of water exhibits effective virucidal activity against:

- Human Immunodeficiency Virus Type 1 (HIV-1)
- Hepatitis B Virus (HBV)
- Herpes Simplex Type 1 (causative agent of fever blisters)
- Influenza A<sub>2</sub>/Hong Kong
- Rotavirus
- Human Coronavirus (ATCC VR-740, Stain 229E)
- Human Immunodeficiency Virus Type 2 (HIV-2)
- Hepatitis C Virus (HCV)
- Herpes Simplex Type 2 (genital disease)
- Vaccinia
- Bovine Viral Diarrhea Virus (BVDV)
- SARS Associated Coronavirus

