

# BioCide 100

**EPA REGISTERED**  
EFFECTIVE AGAINST  
**CORONAVIRUS**

SKU: 850076005016, 850076005023

BioCide 100

The molecular makeup of n-alkyl ethylbenzyl dimethyl ammonium (c12-c14) acts as an effective combatant against viral pathogens by irreversibly binding to the microbial cell membranes. They then impair the cell membrane, as referenced in the Technical Mechanism of Action of N-alkyl ethylbenzyl dimethyl ammonium (c12-c14), below. Consequently, the antibacterial actions of n-alkyl ethylbenzyl dimethyl ammonium (c12-c14) stem from the capacity of bacterial cells to absorb the BioCide 100, causing a disruption or dissociation of the cellular membrane. This results in compromised cellular permeability control and the leakage of vital cellular contents. In particular, the antimicrobial activity of quaternary ammonium with an alkyl chain is related to lipophilicity and peaks between c12 and c16 for both gram-positive and gram-negative bacterial strains (viral diseases). Specifically, in gram-positive bacteria, the agent becomes bound to the wall proteins and is, therefore, able to enter and destroy the membrane. Additionally, in some microbes, n-alkyl ethylbenzyl dimethyl ammonium(c12-c14) can cause a leak in metabolites with low molecular weights, resulting in metabolic injury and modification of permeability for the microbe.



## FEATURES AND BENEFITS

- EPA registered
- Ready to use - no dilution needed
- Kills 99.9% of mold, mildew, and fungi
- Kills 99.9% of bacteria and viruses
- Meets OSHA blood-borne pathogen standard for HIV, HBV & HCV
- Cleans and deodorizes in one easy step
- HVAC certified

## APPLICATION

- Residential & Commercial Buildings
- Homes
- Vehicles
- Hospitals
- Nursing Homes
- Restaurants
- Boats
- Office Buildings
- Apartment Complexes
- Churches
- Airports
- Resorts
- Condominiums
- Auditoriums
- Daycares
- And more

## TO USE



Direct Wipedown



Bucket & Sponge



Pressurized Sprayer

## HVAC SYSTEMS

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- Air Conditioners
- Commercial Air Handlers
- HVAC Cooling Coils
- Refrigeration Equipment
- Refrigerators and Freezers
- Evaporator Coils

## INDUSTRIES

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- Commercial Properties
- Factories and Manufacturing Plants
- Food Storage, Processing and Packaging Plants
- Hospitals
- Medical and Dental Offices
- Veterinary Offices
- Schools and Colleges
- Hotels and Motels
- Restaurants
- Office Space
- Industrial Warehouses
- And more

## KILLS

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In addition to killing **99.9%** of mold, BioCide 100 is also effective against:

- Avian Influenza Virus, Type A
- Bovine Viral Diarrhea Virus
- Canine Parvovirus
- Feline Calicivirus
- Hepatitis A, B and C Virus
- Human Immunodeficiency Virus (associated with AIDS)
- Human Coronavirus
- Norovirus
- Paramyxovirus
- Poliovirus Type I, Strain Brunhilde
- Rabies Virus
- Rhinovirus
- SARS Associated Coronavirus
- Staphylococcus Aureus
- Salmonella
- Pseudomonas Aeruginosa

### SPECIFICATIONS

Physical Form.....Liquid      pH.....8.2  
Color.....Clear                  Flammability.....Non-Flammable

### PACKAGING

Quart, Gallon, 275 Gallon Tote

## EFFECTIVE AS

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- Fungicide
- Mildewstat
- Virucide
- Tuberculocidal
- Bactericidal
- Pseudomonacidal
- Staphylocidal
- Salmonellacidal
- Sanitizer
- Germicide
- Deodorant

## COMPANION PRODUCTS

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Mold Bomb Fogger, Carpet Bomb, BioWash, Clean Room