



800-638-6000

aaglobal.com

BioCide 100

✓ Effective Against COVID-19
✓ Adds 100% Customer Confidence



BIO100G - Gallon
BIO100Q - Quart Spray Bottle

- Kills 99.9% of Bacteria, Fungus & Viruses
- Highly Effective Against COVID-19
- EPA Registered
- Ready to Use--no dilution needed
- Disinfects Surfaces in one easy step
- Wipedown Directly

**Keep BioCide
By Your Side!**

"...Through BioCide experience, our chemical knowledge, and observable results; using BioCide 100 on medium-to-low usage touch areas such as buttons, coin-slots, and handles, may have a persistent effect for two - four weeks after application..."



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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

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

INDUSTRIES

- 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

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

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

COMPANION PRODUCTS

Mold Bomb Fogger, Carpet Bomb,
BioWash, Clean Room





Safety Data Sheet

BIOCIDE 100

SECTION 1: Identification

Trade Name: BIOCIDE 100

Date Prepared: 05/30/2015

Product Identification: 6537

Additional ID: 6537

Synonyms: Water-based alkali detergent

Product Use Description: RTU disinfectant cleaner

24 HR Emergency Number: (800) 535-5053

SECTION 2: Hazards Identification

Classifications

Eye Irritation - Category 2B

Signal Word: Warning

Hazard Statements

Keep out of reach of children.
Read label and SDS before use.
Causes eye irritation

Precautionary Statements

Prevention

Wear eye protection.
Wash hands and face thoroughly after handling.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists get medical attention.
Get medical advice/attention if you feel unwell.

Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

Hazards Not Otherwise Specified

Not applicable

SECTION 3: Composition

Safety Data Sheet

BIOCIDE 100

Chemical Name	CAS #	Concentration % by Weight
Diethylene Glycol Butyl Ether	112-34-5	5 - 10
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	1 - 5

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

WARNING: May be harmful if swallowed or inhaled. Eye irritant.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: May be harmful if swallowed. Seek medical attention immediately.

SECTION 5: Firefighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Containers may build pressure and rupture.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6: Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

SECTION 7: Handling and Storage

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing.

Keep out of reach of children.

SECTION 8: Exposure Controls/Personal Protection

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Safety Data Sheet

BIOCIDE 100

SECTION 9: Physical and Chemical Properties

Property	Value	Property	Value
Appearance	CLEAR LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	PLEASANT	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 0	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.0	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	12 - 12.5

SECTION 10: Stability and Reactivity

Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability

Stable under normal conditions.

Incompatible Materials

Acids and strong oxidizers

Conditions to Avoid

High temperatures

Hazardous Decomposition Products

CO, CO2

SECTION 11: Toxicological Information

Primary Route of Entry: Skin and eye contact, inhalation

Acute/Potential Health Effects:

EYES: Cause eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

Chronic / Long Term Effects: None known.

Target Organ Effects: None known.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

Not available.

SECTION 12: Ecological Information

Not available.

SECTION 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

SECTION 14: Transport Information

Not regulated

Safety Data Sheet

BIOCIDE 100

SECTION 15: Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

None

FIFRA information

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Signal word: CAUTION. Hazard statement: Causes moderate eye irritation.

SECTION 16: Other Information

HMIS Ratings :

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

Preparation/Revision Date: 05/30/2015

Trade Name: BIOCIDE 100

Product ID: 653741P6329

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SDS ID: SDS02031

Revision #: 1

Revision Date: 05/30/2015



CORONAVIRUS **TREATMENT**

BioCide 100 (EPA Reg #1839-83-86117) has demonstrated effectiveness against viruses similar to 2019 novel coronavirus (SARS-CoV-2) on hard non-porous surfaces. Therefore, this product can be used against 2019 novel coronavirus (SARS-CoV-2) when used in accordance with the directions for use against Hepatitis A virus on hard, non-porous surfaces.

For Additional Information Call: (800) 638-6000