

VET BIOGUARD[®]



A broad spectrum water sanitizer against bacterial, fungal, viral & algae species

Vet Bioguard is an EU* & EPA** approved broad spectrum water sanitizer having bactericidal, virucidal, fungicidal, algaecidal and slimicidal effect. It is a high molecular weight cationic polymer with universal disinfecting properties. It can be used in various industries like agriculture, veterinary, food processing, hospitality, pharmaceuticals & public hygiene. In agriculture & veterinary industry, **Vet Bioguard** have applications from farm to fork to control infections at various stages like surface, equipments, air, water & personnel disinfection.

Benefits

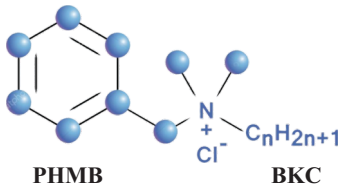
- ✓ Best wound healer in all species
- ✓ Highly effective antifungal agent
- ✓ Very good sanitizer to remove biofilm in water line
- ✓ Most effective against HRSCA, E.coli and Bacillus Subtilis
- ✓ Best sanitizer to prevent the growth of Algae, Fungal and Viral pathogenic agents

Composition: Each 1 litre contains

Polyhexamethylene Biguanide Hydrochloride (PHMB) -----03%

Benzalkonium Chloride (BKC) -----04%

(An US EPA & EU approved molecule)



PHMB & BKC is the perfect proven combination to control bacterial, fungal, viral & algae infections effectively.

Application:

Surface disinfection, air disinfection (Fogging), equipment disinfection, water sanitization, personal hygiene, animal hygiene & treatment.

Features:

- ✓ No resistance of PHMB is observed
- ✓ Acts in the presence of organic matter
- ✓ Broad spectrum long lasting sanitizer activity
- ✓ UV(photo) stable, pH stable & temperature stable
- ✓ Food safety (High Oral LD 50) with no residual effect
- ✓ Acts at very low concentration with minimum contact time

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Spectrum of activity:

Microorganism	Type	Mic (ppm)
Pseudomonas aeruginosa	Bacteria Gram -ve	100
Staphylococcus aureus	Bacteria Gram +ve	1
Streptococcus faecalis	Bacteria Gram +ve	25
Escherichia coli	Bacteria Gram -ve	25
Pseudomonas putida	Bacteria Gram -ve	25
Bacillus subtilis	Bacteria Gram +ve	5
Aspergillus niger	Fungi	750
Endomycopsis albicans	Yeast	300
Saccharomyces cerevisiae	Yeast	100
Trichophyton mentagrophytes	Fungi	25

Inclusion rate in Poultry & Livestock:

Water sanitization: 1 ml per 10 litres of water

Farm Fogging: 5 ml per litre of water per 50 sqft. area

Spray / Surface sanitization: 10 ml per litre of water per 100 sqft. area

Hand / Personal sanitization: 5 ml per litre of water

Vehicle / Equipment: 5 ml per litre of water

Egg wash / Cleaning: 1 ml per 15 litres of water

Empty sheds: 5 ml per litre of water per 50 sqft. area

Presentation: 1 Litre

