



VIRUMED

(Broad spectrum disinfectant cleanser Virucidal / Bactericidal / Fungicidal / Cleanser)

PRODUCT DESCRIPTION:

VIRUMED is a disinfectant possessing wide spectrum virucidal, Bactericidal and fungicidal activity. The effectiveness of VIRUMED is further enhanced by its excellent detergent properties, so that clean disease-free surfaces can be achieved. VIRUMED is unique in its composition. Its activity is based on a buffered synergized and per oxygen system containing a high percentage of surfactant. VIRUMED can be used on all surfaces and in all situations. VIRUMED is of low toxicity, non-tainting and Non-irritant, Because of its high detergency and mode of action, VIRUMED can be used in an exceptional variety of situations for effective cleaning and virucidal disinfection in a single operation. VIRUMED can be applied manually or through all types of cleaning and spraying equipment. Readily soluble in lukewarm water giving a clear yellow solution. VIRUMED consist mainly of inorganic salts.

COMPOSITION:

ACTIVE INGREDIENTS: *Blend of inorganic peroxygen compounds, salts, buffers, descalants, detergents and stabilizers.*

➤ **MODE OF ACTION:**

VIRUMED oxidizes sulfur bonds in proteins and enzymes disrupting the function of the cell membrane causing rupturing of the cell wall.

➤ **BROAD SPECTRUM DISINFECTANT:**

VIRUMED is effective against numerous microorganism affecting animals: viruses*, gram-positive and gram-negative bacteria, fungi, molds and yeasts and mycoplasma.

EFFECTIVE AGAINST THE FOLLOWING PATOGENS:





➤ ANIMAL AND ZONOTIC PATHOGEN

KEY BENEFITS:

	BACTERIA	VIRUSES	FUNGI
1	Actinobacillus pleuropneumoniae	Adenovirus Pneumoni	Aspergillus fumigates
2	Bacillus cereus	African Horse Sickness Virus	Fusarium monilliforme
3	Bordetella avium	Africa Swine Fever Virus	Microsporium canis
4	Bordetella bronchiseptica	Avian Influenza Virus	Trichophyton mentagrophytes
5	Brucella abortus	Avian Laryngotracheitis Viruses	Trichophyton spp. (Mud Fever)
6	Campylobacter jejuni	Bovine Adenoviruses Type 4	Trichophyton spp. (Ringworm)
7	Clostridium perfringens	Bovine Poloma Virus	
8	Dermatophilus congolensis	Bovine Pseudocopox Virus	
9	Escherichia coli	Bovine Viral Diarrhea Virus	
10	Fistulous withers (poll Evil)	Calf Rotavirus	
11	Haemophilus somnus	Canine Coronavirus	
12	Klebsiella pneumoniae	Canine Parainfluenza Virus	
13	Listeria monocytogenes	Canine Parvovirus	
14	Moraxella bovis (pink eye)	Chicken Anemia Virus	
15	Mycoplasma gallisepticum	Coital Exanthema Virus	
16	Mycoplasma hyopneumonia	Distemper Virus	
17	Mycoplasma mycoides	Duck Adenovirus	
18	Pasteurella multocida	Duck Enteritis Virus	
19	Pseudomonas aeruginosa	Egg Drop Syndrome Adenovirus	
20	Pseudomonas mallei (Glanders)	Equine Arteritis Virus	
21	Pseudomonas vulgaris	Equine Contagious Abortion Virus	
22	Salmonella choleraesuis	Equine Herpes Virus (Type 1)	
23	Salmonella typhimurium	Equine Herpes Virus (Type 3)	
24	Shigella sonnei	Equine Infectious Anemia Virus (The Cough)	
25	Staphylococcus aureus	Equine Papillomatosis Virus	
26	Staphylococcus epidermidis	Feline Calicivirus	
27	Streptococcus equi (Strangles)	Felina Herpes Virus	
28	Streptococcus pyogens	Felina Panleukopenia Virus	
29	Streptococcus suis	Felina Parvovirus	
30	Taylorella equigenitalis	Felina Rhinotracheitis Virus	





31	Treponema hyodysenteriae Foot and Mouth Disease Virus
32	Helicobacter pylori
33	Hog Cholera Virus
34	Infectious Bronchitis Virus
35	Infectious Bursal Disease Virus
36	Infectious Canine Hepatitis Virus
37	Infective Bovine Rhinotracheitis Virus
38	Leptospira Canicola Virus
39	Maedi-Visna Virus Marek's Disease Virus
40	Mouse Paravovirus
41	Newcastle Disease Virus
42	PCVS Virus (PMWS)
43	Porcine Parvovirus
44	Porcine Reproductive and Respiratory

➤ **UNIQUE FEATURES:**

Readily soluble in tap water Easy for application Nontoxic, nonirritating and noncorrosive at user dilution Broad spectrum of antimicrobial activity even in the presence of heavy soiling, including bacteria, viruses and fungi.

➤ **DILUTION RATES:**

DILUTION RATE REQUIRED (W/V)				
3.00%	2.00%	1.00%	0.50%	
QUANTITY OF VIRUMED REQUIRED				QUANTITY OF DISINFECTANT REQUIRED
30g	20g	10g	5g	1 LITRES
150g	100g	50g	25g	5 LITRES
300g	200g	100g	50g	10 LITRES
750g	500g	250g	125g	25 LITRES

APPLICATIONS:

A. For Aquaculture:

- 1. Aquaculture Hatchery:** Shrimp / Prawn / Fish: 5 gm to 10 gm / 1 ton of water
- 2. Aquaculture Pond:** Shrimp / Prawn / Fish: 500 gm to 2 kg / hectare.
- 3. Processing unit:** Shrimp / Prawn / Fish wash and water disinfection: 5 gm to 10 gm / 1 ton of Water.
- 4. Disinfection of pre-cleaned surfaces, equipment (Including nets, Aeration Paddles, Hatchery Equipment) and foot dips:** 10 gm / liter of water (1:100, 1%) Application rate: 300ml per square meter of surface area.





Usage Instruction:

- a. For Prevention of diseases in hatcheries and ponds: Apply VIRUMED once every fortnight according to water quality.
- b. For treating diseases in hatcheries and ponds: Apply VIRUMED once every 35 days or as advised by Aquaculture Consultant.
- c. Application procedure: Dissolve required quantity of VIRUMED in water outside the tank / pond in a Clean container and then spray uniformly throughout the tank / pond.

B. For Poultry, Cattle & Other Farm Applications:

APPLICATION	DILUTION	METHODS
Environmental spray in shed and hatchery	0.5 % or 5gm in 1 lit of water	Spray approx. 10 lit of VIRUMED solution for 1000 sq.ft. area as a last step in terminal disinfection
Spray in presence of birds	0.3 % or 3gm in 1 lit of water	Spray approx. 10 lit of VIRUMED solution for 3000 sq.ft area towards ceiling of the shed.
Equipment, Plastic trays, cages and other accessories	1% or 10gm in 1lit of water	Spray on prewashed equipment.
Drinking water	0.02% or 2gm in 10 lit of water	Add in drinking water.

- **PRECAUTIONS: Make fresh solution VIRUMED before applications and use it within 12 hours**
- **Do not mix VIRUMED solution with other disinfectant**
- **Store in cool and dry place away from direct heat and sun light**
- **PRESENTATION: 10gm, 50gm Sachet & 1Kg, 5Kg Packs**

Non corrosive germicide for cleaning and disinfection of greenhouses and agricultural buildings such as dairy barns, horse barns, piggeries, poultry houses, shelter sheds and other types of livestock buildings. Also for use in veterinary hospitals and food plants.

