

Virovoid s



Broad Spectrum Disinfectant

PRODUCT OVERVIEW

Virovoid s is a high-strength, broad-spectrum disinfectant formulated to deliver superior antimicrobial performance against bacteria, fungi, viruses, and spores.

It features an advanced synergistic formulation combining 5th Generation Quaternary Ammonium Compounds, glutaraldehyde, isopropanol, and pine oil, providing powerful disinfection at low dilution rates.

Virovoid s is a neutral pH, non-corrosive, and environmentally responsible disinfectant, making it safe for equipment, surfaces, and routine biosecurity programs. Its versatility allows application through spraying, foaming, thermo fogging, boot dips, and vehicle disinfection.

TOTAL BIOSECURITY IN EVERY APPLICATION

FEATURES & BENEFITS

- **Broad-spectrum efficacy against bacteria, fungi, viruses, and spores**, ensuring reliable control of a wide range of pathogenic microorganisms.
- **Advanced synergistic blend of 5th Generation quaternary ammonium compounds and glutaraldehyde**, delivering enhanced and rapid disinfection performance.
- **Highly concentrated formulation effective at low dilution rates (0.5–1.0%)**, providing powerful results with reduced product consumption.
- **Long residual activity** that offers prolonged surface protection and supports ongoing biosecurity programs.
- **Non-corrosive formulation** with neutral pH when diluted, making it safe for use on equipment, surfaces, and infrastructure.
- **Economical cost-in-use and suitable for multiple application methods**, including spraying, foaming, fogging, and dipping.
- **Environmentally friendly and readily biodegradable**, with no accumulation of harmful residues in the environment.



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PRODUCT DETAILS

Composition

Alkyl Dimethyl Benzyl Ammonium Chloride	85.30 g/L
Didecyl Dimethyl Ammonium Chloride	39.00 g/L
Glutaraldehyde	53.63 g/L
Isopropanol	25.00 g/L
Pine Oil	20.00 g/L

Form

Liquid concentrate

Appearance

Clear colorless to light brown liquid with Aldehyde odor

pH: ~ 4.2

Packaging

Available in 5L and 20L Jerrycan suit agricultural and industrial requirements.

RECOMMENDED USES

- Poultry and livestock facilities
- Hatcheries and hatching egg disinfection
- Food processing plants
- Veterinary clinics and laboratories
- Transportation vehicles and equipment
- Foot and boot dip stations
- Farm biosecurity programs

DILUTION PREPARATION TABLE

Dilution Ratio	Preparation Method
1:200	10 ml per 2 liters of water
1:128	16 ml per 2 liters of water
1:100	20 ml per 2 liters of water

SAFETY INFORMATION

Operator Safety:

Always wear gloves, protective eyewear, and a mask during handling and application.

Avoid contact with skin and eyes; use appropriate personal protective equipment (PPE).

Refer to the Safety Data Sheet (SDS) for detailed safety and handling instructions.

First Aid Measures:

- In case of skin contact, wash with soap and water.
- In case of eye contact, rinse immediately with plenty of water and consult a physician.

DIRECTIONS FOR USE

Foaming

- Produces stable, visible white foam ensuring full surface coverage
- Extends contact time for enhanced disinfection results
- Equipment: Foam lance (≥ 40 bar) or medium pressure with compressed air (25 bar)
- Dilution: 0.5 – 1.0%

Spraying

- Suitable for manual or PTO-driven spraying systems
- Ensures uniform application on surfaces and equipment
- Dilution: 0.5 – 1.0%

Boot & Foot Dips

- Ideal for biosecurity entry and exit points
- Dilution: 1.0 – 2.0%

Vehicle & Transport Disinfection

- Non-corrosive formulation suitable for vehicles and transport equipment
- Dilution: 0.5 – 1.0%

Fogging hatchery rooms, incubators and hatchers, poultry houses and livestock buildings

- No carrier agent required; fine airborne particles allow effective aerial disinfection
- Dilution: 1:21 (Virovoid S : water).
- Application rate: 40 ml per 100 m³ using maximum fogger output.
- Ventilation systems must remain operational during fogging. Re-entry is permitted only after fog has settled and according to room air exchange rates (ACH).
- No PPE is required after the specified re-entry interval; earlier entry requires approved respiratory protection.

STORAGE AND DISPOSAL:

Storage:

Store in a well-ventilated area at temperatures not exceeding 30°C away from direct sunlight and incompatible materials. Keep out of reach of children and unauthorized personnel.

Disposal:

Dispose of used containers and residues in accordance with local regulations.



DISINFECT WITH CONFIDENCE



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