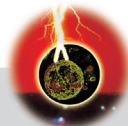
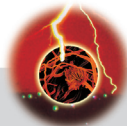


VIROCID®

Most cost effective disinfectant against highly infectious diseases.

Bactericidal tests	Dilution	Standards
<i>Bacillus cereus</i>	1:400	AFNOR T 72-190
<i>Bacillus subtilis var. Niger</i>	1:400	AFNOR T 72-190
<i>Bordetella avium</i>	1:256	AOAC, USA
<i>Campylobacter jejuni</i>	1:400	AOAC, USA
<i>Corynebacterium pseudotuberculosis</i>	1:400	AOAC, USA
<i>Enterococcus faecalis</i>	1:400	EN 1040; EN 1276; EN 1656
<i>Escherichia coli</i>	1:400	AOAC, USA; EN 1040; EN 1276; EN 1656; AFNOR T 72-190; EST method
<i>Haemophilus paragallinarum</i>	1:400	AOAC, USA
<i>Klebsiella pneumoniae</i>	1:400	AOAC, USA
<i>Listeria monocytogenes</i>	1:400	AOAC, USA
<i>Mycobacterium smegmatis</i>	1:400	AFNOR T 72-190; EST method
<i>Mycoplasma gallisepticum</i>	1:400	AOAC, USA
<i>Mycoplasma hyopneumoniae</i>	1:400	AOAC, USA
<i>Mycoplasma synoviae</i>	1:400	AOAC, USA
<i>Ornithobacterium rhinotracheale</i>	1:400	AOAC, USA
<i>Pasteurella multocida</i>	1:400	AOAC, USA
<i>Proteus mirabilis</i>	1:400	EST method
<i>Proteus Vulgaris</i>	1:400	EN 1040; EN 1276; EN 1656
<i>Pseudomonas Aeruginosa</i>	1:400	AOAC, USA; AFNOR T 72-190; EST method
<i>Salmonella Choleraesuis</i>	1:400	AOAC, USA
<i>Salmonella Choleraesuis serotype enteritidis</i>	1:400	AOAC, USA
<i>Salmonella Choleraesuis serotype pullorum</i>	1:256	AOAC, USA
<i>Salmonella choleraesuis subsp choleraesuis, serotype typhisuis</i>	1:400	AOAC, USA
<i>Staphylococcus Aureus</i>	1:400	AOAC, USA; EN 1040; EN 1276; EN 1656; AFNOR T 72-190; EST method
<i>Streptococcus faecium</i>	1:400	AFNOR T 72-190; EST method
<i>Streptococcus suis</i>	1:400	AOAC, USA
Fungicidal tests		
<i>Aspergillus Fumigatis</i>	1:200	EST method
<i>Candida Albicans</i>	1:400	AFNOR T 72-190; EST method
<i>Fusarium dimerum</i>	1:400	AOAC, USA
<i>Penicillium expansum</i>	1:400	AOAC, USA
<i>Penicillium verrucosum var. Cyclophilum</i>	1:400	AFNOR T 72-190
<i>Saccharomyces cerevisiae</i>	1:400	AFNOR T 72-190; EST method
<i>Tricophyton mentagrophytes</i>	1:400	AOAC, USA
Virucidal tests		
<i>Aujesky (Pseudorabies virus)</i>	1:400	AOAC, USA; AFNOR 86081
<i>Avian Influenza H9N2</i>	1:400	AOAC, USA
<i>Avian Influenza H5N1</i>	1:1200	National Bird Flu Reference Lab, China (20°C, 10 min. contact time)
<i>Avian Laryngotracheitis virus</i>	1:400	AOAC, USA
<i>Avian Reovirus</i>	1:256	AOAC, USA
<i>Classical Swine Fever</i>	1:400	AFNOR 86081
<i>Foot and mouth disease</i>	1:200	AFNOR 86081
<i>Gumboro (Infectious Bursal Disease)</i>	1:400	AOAC, USA
<i>Infectious Pancreatic Necrosis</i>	1:66	in seawater 4°C, 2% organic load
<i>Marek's Disease virus</i>	1:400	AOAC, USA
<i>Newcastle Disease virus</i>	1:400	AOAC, USA; AFNOR 86081
<i>Porcine circovirus type II</i>	1:200	AOAC, USA
<i>Porcine Reproductive and Respiratory Syndrome virus</i>	1:400	AOAC, USA
<i>Reovirus</i>	1:200	AFNOR 86081

EPA approved for control of slime forming bacteria to cooling water systems (pad cooling)
 AOAC method: with at least 5% organic load and 400 ppm hard water.
 This is a non-exhaustive list, detailed reports and tests according to other standards are available upon request.



CID LINES®
 INNOVATIVE HYGIENE SOLUTIONS

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 mail: info@cidlines.com - internet: www.cidlines.com
 www.virocid.com - www.avian-influenza-disinfectant.com

THE GLOBAL
 DISINFECTANT

VIROCID®

POWERFUL DISINFECTANT

LETHAL POWER TO CONTROL
 ALL MICRO-ORGANISMS

EXTREMELY SYNERGISTIC BLEND

RESIDUAL ACTION

COST EFFECTIVE

HOSPITAL GRADE



WORLD WIDE REGISTRATIONS:
 Environmental Protection Agency (EPA), USA
 Department of Environment, Farming and Rural Affairs (DEFRA), UK
 AFNOR, FRANCE
 European Union (EN)

CID LINES®
 INNOVATIVE HYGIENE SOLUTIONS

www.virocid.com

MULTIPLE ADVANTAGES



- Environmental friendly, hospital grade disinfectant
- Efficacy proven against bacteria (gram ^{-ve}, gram ^{+ve} and sporulated), viruses (encapsulated and non-encapsulated) and fungi
- Residual action
- No resistance ever encountered
- Very low dilution rate
- Very economical cost-in-use
- Versatile usage: spraying, foaming, fogging, foot dips, wheel dips
- Formulated without heavy metals
- Effective at all temperatures (even close to freezing)
- Effective in hard water (even in sea water) and in a wide range of pH
- Effective in presence of organic matter
- Non corrosive on equipment (neutral pH)
- Non carcinogenic for people, non toxic for animals and environmentally friendly

SYNERGISTIC FORMULATION

VIROCID® consists of 4 different groups of active ingredients:

- 2 different quaternary ammonia (1 single chain: alkyl dimethylbenzylammoniumchloride: 170.6 g/L (17.06%) and 1 twin chain: didecyl dimethylammoniumchloride: 78 g/L (7.8%) , thus broadening the spectrum of the quaternary ammonium group)
- a safe, modern aldehyde, widely used in human medicine: glutaraldehyde: 107.25 g/L (10.73%)
- alcohol: isopropanol: 146.25 g/L (14.63%)
- pineoil: 20 g/L (2%)
- total: 522.1g/L (or 52.21%) (70 oz/gal)

plus: buffering agents, stabilisers, sequestering agents,...

PACKAGING SIZES

5 L (1.3 U.S. GAL) • 10 L (2.6 U.S. GAL) • 20L (5.3 U.S. GAL) • 200 L (55 U.S. GAL)

APPLICATIONS

- Animal houses
- Hatcheries
- Animal transport (trucks and trailers)
- Animal husbandry equipment
- Technical rooms for animal husbandry
- Cooling pads
- Boot dips
- Milking equipment
- Aqua culture
- Food processing
- Hospitals
- Horticulture
- Zoos

DILUTIONS AND USES

ANIMAL HUSBANDRY HOUSING AND CLINICS

- 1) Clean the surfaces with a CID LINES detergent
- 2) After rinsing and drying apply **VIROCID®** at 0.25 - 0.5% (1:400 - 1:200) by spraying (allow 1L of solution per 4 m² or 1 gal per 160 ft²)
For fogging use 1 - 2 L in 4 L water for 1000 m³ or 1 - 2 gal + 4 gal water per 130,000 ft³)

ANIMAL TRANSPORT EQUIPMENT

- 1) Clean trucks and trailers with a CID LINES truck cleaner
- 2) After rinsing, spray **VIROCID®** at 0.5%
For wheel dips use 1% (1:100)

STORAGE AND PROCESSING ROOMS FOR FEED AND FOOD

- 1) Clean the surfaces with a CID LINES detergent.
- 2) After rinsing, apply 0.25 - 0.50% **VIROCID®**
- 3) Rinse after 20 minutes contact time

TRANSPORT EQUIPMENT FOR FOOD-STUFFS

- 1) Clean the trucks with a CID LINES detergent
- 2) After rinsing, apply **VIROCID®** at 0.25 - 0.50%.
- 3) Rinse after 15 minutes contact time

BOOT DIPS

Dilute **VIROCID®** at 1% and renew regularly (2-3 times per week).

SEA FARM EQUIPMENT & WELL BOATS

- 1) Clean with a CID LINES detergent.
- 2) After rinsing, apply **VIROCID®** at 0,25 - 0,50% or at 1,5% if diluted in cold sea water.

