



THE AVIAN INFLUENZA DISINFECTANT

VIROCID® is one of the World's most CONCENTRATED disinfectants: it has 522.1 g/l (70 oz/gal) total active ingredients !
Therefore, it works effectively at an extremely LOW DILUTION against ALL MICRO-ORGANISMS

SYNERGISTIC FORMULATION

VIROCID® consists of 4 different groups of active ingredients:

- 2 different quaternary ammonia (1 single chain: alkyl dimethyl benzyl ammonium chloride: 170.6 g/l and 1 twin chain: didecyl dimethyl ammonium chloride: 78 g/l, thus broadening the spectrum of the quaternary ammonium group)
 - a safe, modern aldehyde, widely used in human medicine: glutaraldehyde: 107.25 g/l
 - alcohol: isopropanol: 146.25 g/l
 - pineoil: 20 g/l
- plus: buffering agents and stabilizers

LONG LASTING ACTION

VIROCID® has a long residual action, preventing microbiological recontamination.

COMPLETE SPECTRUM

VIROCID® kills ALL micro-organisms: viruses, bacteria and fungi, including spore stages.

Diseases of POULTRY

VIRUCIDAL ACTIVITY

Adenoviridae	RESPIRATORY DISEASES: laryngotracheitis, bronchitis, CARDIO-VASCULAIRE DISORDERS: Hydropericardium Syndrom INTESTINAL DISEASES: Inclusion Body Hepatitis (IBH), diarrhea REPRODUCTIVE: egg drop syndrome GENERAL INFECTION: poor FCR
Birna virus serotype 1	IBD (Infectious Bursal Disease, Gumboro)
Herpes virus	INTESTINAL DISEASES: Duck Plague (Duck Virus Enteritis) GENERAL INFECTION: MAREK'S DISEASE (MD, NEUROLYMPFOMATOSIS)
IPN virus	RESPIRATORY DISEASES: laryngotracheitis,
Orthomyxovirus	RESPIRATORY DISEASES: Avian Influenza (AI) REPRODUCTIVE DISORDERS: low egg production
Paramyxovirus	RESPIRATORY DISEASES: sinusitis, Avian Rhinotracheitis (ART) REPRODUCTIVE DISORDERS: low egg production
Pestivirus (Flaviviridae)	GENERAL INFECTION: Newcastle Disease (ND), Swollen Head Syndrome (SHS)
Picornaviridae (Enterovirus)	CENTRAL NERVOUS SYSTEM INFECTION: Avian Encephalomyelitis (AE, Epidemic tremor) INTESTINAL INFECTION: Duck Virus Hepatitis, enteritis (diarrhea), malabsorption
Reoviridae	RESPIRATORY DISEASES: Avian Reovirus, bronchitis, pneumonia CARDIO-VASCULAIRE DISORDERS: hydropericardium, LOCOMOTOR SYSTEM INFECTION: arthritis, Infectious Tenosynovitis, Brittle Bone Disease INTESTINAL INFECTION: ulcerative enteritis, hepatitis GENERAL INFECTION: poor FCR,

BACTERICIDAL ACTIVITY

Bacillus subtilis var. Niger Bacillus cereus	GENERAL INFECTION: omphalitis, yolk sac infection REPRODUCTIVE DISORDERS: infected eggs
Campylobacter jejuni	INTESTINAL INFECTION: enteritis, hepatitis
Corynebacterium pseudotuberculosis	
Enterococcus hirae	CENTRAL NERVOUS SYSTEM INFECTION: encephalitis INTESTINAL INFECTION: enteritis, hepatitis GENERAL INFECTION: septicemia, egg drop

Escherichia Coli	GENERAL INFECTION: septicemia, coligranuloma, yolk sac infection RESPIRATORY DISEASES: air sac infection (CRD), swollen-head, peritonitis LOCOMOTOR SYSTEM INFECTION: osteomyelitis, synovitis, CENTRAL NERVUS SYSTEM INFECTION: panophtalmitis
Klebsiella pneumoniae	GENERAL INFECTION: septicemia, yolk sac infection RESPIRATORY DISEASES: pneumonia
Listeria monocytogenes	GENERAL INFECTION: septicemia, splenomegaly, hepatitis INTESTINAL INFECTION: enteritis, CARDIO-VASCULAIRE DISORDERS: pericarditis
Mycobacterium smegmatis	
Ornithobacterium rhinotracheale	RESPIRATORY DISEASES: Ornithobacterium rhinotracheale Infection, air sac infection, pleuritis, tracheitis, pneumonia CENTRAL NERVUS SYSTEM INFECTION: encephalitis LOCOMOTOR SYSTEM INFECTION: osteitis, osteomyelitis, REPRODUCTIVE DISORDERS: drop of eggs production, poor eggshell quality CARDIO-VASCULAIRE DISORDERS: myocarditis GENERAL DISORDERS: decrease of feed intake,
Pasteurella multocida	GENERAL DISORDERS: Folw Cholera (Pasteurellosis), septicemia
Pseudomonas aeruginosa	GENERAL DISORDERS: septicemia, sinusitis, keratitis, keratoconjunctivitis
Salmonella thyphimurium	GENERAL INFECTION: Paratyphoid infection, septicemia, death INTESTINAL INFECTION: enteritis, necrotic hepatitis, fribrinopurulent perihepatitis splenomegaly,hepatomegaly CARDIO-VASCULAIRE DISORDERS: fibrinopurulent pericarditis
Salmonella choleraesuis	GENERAL INFECTION: septicemia, mortality
Staphylococcus aureus	LOCOMOTOR SYSTEM INFECTION: osteomyelitis, arthritis, periartitis, synovitis, tensosynovitits, spondylitis SKIN INFECTIONS: gangrenous dermatitis
Streptococcus faecium	GENERAL INFECTION: septicemia, splenomegaly, hepatomegaly, peritonitis

FUNGICIDAL ACTIVITY

Agaricus bisporus	
Aspergillus fumigatus	GENERAL INFECTION: Systemic Aspergillosis, poor DG
Aspergillus versicolor	SKIN INFECTIONS: dermatitis LOCOMOTOR SYSTEM INFECTION: osteomycosis, CENTRAL NERVUS SYSTEM INFECTION: ophtalmitis, encephalitis
Candida Albicans	INTESTINAL TRAC INFECTION: gastritis, mycoenteritis GENERAL INFECTION: Systemic Candidiasis, poor DG,
Cladosporium cladosporiodes	
Geotricum candidum	
Penicillium verrucosum var. Cycloplium	
Saccharomyces cerevisiae	
Scopulariopsis brevicaulis	
Trichophyton mentagrophytes	



ECONOMICAL IN USE

VIROCID®, because of its strong concentration, works at extremely low dilutions and is therefore very economical and highly effective in use.

EFFECTIVE UNDER EXTREME CONDITIONS

VIROCID® works in

- the presence of organic matter
- high light intensity
- hard water
- sea water
- a temperature range from 4°C to over 50°C

INTERNATIONALLY TESTED AND RECOGNISED

VIROCID® is registered in many countries, world wide, and has successfully passed many tests, such as:

In Europe: the European Suspension Test (EST); as well as many national homologations (AFNOR and others)

In the USA: the EPA (based on the AOAC method)

In Asia, Latin America and Africa (individual homologations and tests are available upon request)

SAFE FOR PEOPLE, ANIMALS, EQUIPMENT AND THE ENVIRONMENT

VIROCID® • non carcinogenic

• **non corrosive**

• more than 90% biodegradable (OECD standards)

VERSATILE APPLICATION

VIROCID® can be

- sprayed, using 1l of dilute product / 4m², diluted at 0.25 – 0.50% or 1:400 – 1:200 or 2.5 ml/l – 5.0 ml/l
- foamed (with a foam lance), which shows clearly where the product has been applied and ensures longer contact time
- fogged (with a thermo-fogger) for ambient disinfection (1l **VIROCID®** + 4l water / 1000m³).

**EXTREMELY
CONCENTRATED**



CID LINES®
INNOVATIVE HYGIENE SOLUTIONS



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