

Virkon® Tablets (VÉTOQUINOL N.-A. INC.)



VÉTOQUINOL N.-A. INC.
Commercial Division
2000, CHEMIN GEORGES, LAVALTRIE, QC, J5T 3S5

Telephone: 450-586-2252

Order Desk: 800-363-1700

Fax: 450-586-4649

Website: www.vetoquinol.caEmail: info@vetoquinol.ca

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VIRKON® TABLETS

Vétoquinol

SOLUBLE EFFERVESCENT TABLETS

DISINFECTANT/CLEANER

Virucide Bactericide Fungicide Deodorant

READ THE LABEL AND LEAFLET BEFORE USING

Non corrosive germicide for cleaning and disinfection in veterinary hospitals, animal shelters, and of non-critical medical devices.

GUARANTEE/ACTIVE INGREDIENT:

Potassium monopersulphate	21.4% W/W
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DIN 02253917

KEEP OUT OF REACH OF CHILDREN

DESCRIPTION

Virkon® is a disinfectant, possessing wide spectrum virucidal (Table 2), bactericidal (Table 3) and fungicidal (Table 4) activity. The effectiveness of **Virkon®** is further enhanced by its excellent detergent properties, so that clean disease-free surfaces can be achieved. **Virkon®** is unique in its composition. Its activity is based on a buffered synergized acid peroxygen system containing a high percentage of surfactant. **Virkon®** is of low toxicity, non-tainting, and non-irritant. Because of its high detergency and mode of action, **Virkon®** can be used in an exceptional variety of situations for effective cleaning and virucidal disinfection in a single operation. **Virkon®** can be applied manually or through all types of cleaning and spraying equipment. The readily soluble effervescent tablet fully dissolve in lukewarm water in 3 to 4 minutes giving a clear pink solution. **Virkon®** consists mainly of inorganic salts.

DETERGENT SANITIZER:

Virkon® passes the AOAC germicidal and detergent sanitizer test at a concentration of 0.5% (1:200).

DIRECTIONS FOR GENERAL USE:

CAUTION: animals must be removed from the immediate area during disinfection.

For cleaning and disinfection of surfaces, equipments and non-critical medical devices:

Remove heavy soil deposits then thoroughly wet surfaces to be disinfected with a 1% W/V solution of **Virkon®**, using a mop, sponge or cloth, as well as by spraying. A minimum contact time of 10 minutes is required. For laboratory equipment and bowls, scrub heavily soiled instruments or utensils and soak in a 1% W/V solution of **Virkon®** for a minimum of 10 minutes (do not exceed 30 minutes for metal objects). For delicate medical devices (i.e. stethoscope, etc.), remove all organic material by cleaning and then thoroughly spray the device with a 1% W/V solution of **Virkon®** and allow 10 minutes of contact time before wiping. Rinse with potable water equipment to be in contact with food. Do not re-use a solution in which contaminated material has been soaked. The solution is stable for 7 days at room temperature.

IMPORTANT NOTE: In animal premises where there has been a disease outbreak and/or the mortality/morbidity rates are higher than normal and the causative agent has been determined by a pathology laboratory to be one of those listed in Table 1, the contact time/dilution rate indicated should be used.

For a complete listing of microorganisms against which **Virkon®** is effective, refer to the Efficacy Charts 2, 3, and 4.

DILUTION INSTRUCTIONS

Dilution Rate Required (W/V)				Quantity of Disinfectant Solution Required
3.0 %	2.0 %	1.0 %	0.5 %	
Quantity of Virkon® Required				

3 tabs	2 tabs	1 tab		500 mL
6 tabs	4 tabs	2 tabs	1 tab	1 Litre
12 tabs	8 tabs	4 tabs	2 tabs	2 Litres

1. Select the quantity of disinfectant solution required. 2. Choose appropriate dilution rate. 3. Add the number or **Virkon®** Tablets to warm water.

PRECAUTIONS

Keep out of reach of children. May be harmful if swallowed. Do not mix with other chemicals.

STORAGE

Store between 15 °C and 25 °C in a dry place in tightly sealed containers. The pack contains a desiccant sachet which must be retained during storage.

PRESENTATION

Jar of 50 tablets of 5 grams each.

TABLE 1: Microorganisms for which a dilution rate of Virkon® 0.5 to 3% W/V or a contact time > 10 minutes are required.

Microorganism	Effective dilution	Contact Time Required (min.)	Test Method
<i>Aspergillus fumigatus</i>	3%	10	AOAC Fungicidal Test
Bovine Papilloma Virus	1%	30	VLA, UK Method
<i>Dermatophilus congolensis</i>	2%	10	AOAC Use Dilution Test
<i>Fusarium moniloforme</i>	2%	10	AOAC*
PRRS Virus	0.5%	30	VLA, UK Method
<i>Salmonella enteritidis</i>	2%	10	AOAC Use Dilution Test
Trichophyton mentagrophytes	2%	10	AOAC*

* Modification of AOAC Fungicidal Test

TABLE 2: Viruses for which a 1% W/V dilution rate of Virkon® and a contact time of 10 minutes are known to be effective.

Viruses	Effective dilution	Contact time	Test Method
Avian Infectious Bronchitis Virus	1%	10	AOAC*
Avian Influenza Virus	1%	10	AOAC*
Avian Laryngotracheitis Virus	1%	10	AOAC*
Bovine Adenovirus Type 4	1%	10	EPA Method
Bovine Viral Diarrhea (BVD) Pestivirus	1%	10	EPA Method
Calf Rotavirus	1%	10	EPA Method
Canine Parvovirus	1%	10	EPA Method
Duck Adenovirus	1%	10	EPA Method
Equine Arteritis Virus	1%	10	EPA Method
Equine Herpes Virus Type 1	1%	10	EPA Method
Equine Herpes Virus Type 3	1%	10	EPA Method
Equine Influenza Virus Type A	1%	10	EPA Method
Feline Calicivirus	1%	10	EPA Method
Feline Panleukopenia Virus	1%	10	EPA Method
Feline Rhinotracheitis Virus	1%	10	EPA Method
Infectious Bovine Rhinotracheitis Virus	1%	10	EPA Method
Infectious Bronchitis Virus	1%	10	AOAC*
Infectious Bursal Disease (Gumboro) Virus	1%	10	AOAC*
Infectious Canine Hepatitis Adenovirus	1%	10	EPA Method
Newcastle Disease Virus	1%	10	AOAC*
Parainfluenza Virus	1%	10	EPA Method
Parvovirus	1%	10	EPA Method

Pseudorabies Virus	1%	10	EPA Method
Simian Virus 40 (SV40)	1%	10	EPA Method
TGE-Coronavirus	1%	10	EPA Method
Turkey Herpes Virus	1%	10	EPA Method

* Modification of AOAC Germicidal Spray Test

TABLE 3: Bacteria for which a 1% W/V dilution rate of Virkon® and a contact time of 10 minutes are known to be effective.

Bacteria	Effective	Contact time	Test Method
<i>Actinobacillus pleuropneumoniae</i>	1%	10	AOAC*
<i>Bordetella avium (Alcaligenes faecalis)</i>	1%	10	AOAC Use Dilution Test
<i>Bordetella bronchiseptica</i>	1%	10	AOAC Use Dilution Test
<i>Brucella abortus</i>	1%	10	AOAC Use Dilution Test
<i>Helicobacter pylori (Campylobacter pyloridis)</i>	1%	10	AOAC Use Dilution Test
<i>Campylobacter jejuni</i>	1%	10	AOAC*
<i>Chlamydia psittaci</i>	1%	10	EPA Method
<i>Erysipelothrix rhusiopathiae</i>	1%	10	AOAC Use Dilution Test
<i>Escherichia coli</i>	1%	10	AOAC Use Dilution Test
<i>Haemophilus somnus</i>	1%	10	AOAC Use Dilution Test
<i>Klebsiella pneumoniae</i>	1%	10	AOAC Use Dilution Test
<i>Listeria monocytogenes</i>	1%	10	AOAC Use Dilution Test
<i>Moraxella bovis</i>	1%	10	AOAC Use Dilution Test
<i>Mycoplasma gallisepticum</i>	1%	10	AOAC Use Dilution Test
<i>Pasteurella haemolytica</i>	1%	10	AOAC Use Dilution Test
<i>Pasteurella multocida</i>	1%	10	AOAC Use Dilution Test
<i>Pseudomonas aeruginosa</i>	1%	10	AOAC Use Dilution Test
<i>Salmonella choleraesuis</i>	1%	10	AOAC Use Dilution Test
<i>Salmonella typhimurium</i>	1%	10	AOAC Use Dilution Test
<i>Serpulina (Treponema) hyodysenteriae</i>	1%	10	AOAC Use Dilution Test
<i>Shigella sonnei</i>	1%	10	AOAC Use Dilution Test
<i>Staphylococcus aureus</i>	1%	10	AOAC Use Dilution Test
<i>Staphylococcus epidermidis</i>	1%	10	AOAC Use Dilution Test
<i>Streptococcus equi</i>	1%	10	AOAC Use Dilution Test
<i>Streptococcus suis</i>	1%	10	AOAC Use Dilution Test
<i>Haemophilus (Taylorella) equigenitalis</i>	1%	10	AOAC Use Dilution Test

* Modification of the AOAC Use Dilution Test

TABLE 4: Fungi for which a maximum 1% W/V dilution rate of Virkon® and a contact time of 10 minutes are known to be effective.

Fungi	Effective dilution	Contact Time Required (min.)	Test Method
<i>Candida albicans</i>	1%	10	AOAC Use Dilution Test
<i>Microsporium canis</i>	0.5%	10	MHW Guideline, Japan
<i>Trichophyton verrucosum</i>	0.5%	10	MHW Guideline, Japan

* Modification of AOAC Fungicidal Test

Antec International Limited - A DuPont Company, Windham Road, Chilton Industrial Estate, Sudbury, Suffolk CO10 2XD UK

Tel.: + 44 (0) 1787 377305

Fax: + 44 (0) 1787 310846

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Compendium of Veterinary Products - Virkon® Tablets (VÉTOQUINOL N.-A. INC.)

E-mail: biosecurity@gbr.dupont.com

Manufactured for: **Vétoquinol N.-A. Inc.**, 2000, ch. Georges, Lavaltrie, QC, Canada J5T 3S5

Virkon®

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