

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

March 8, 2022

Ellen Baldassare Regulatory Affairs Specialist LANXESS Corporation Material Protection Products Actives and Disinfection 111 RIDC Park West Drive Pittsburgh, PA 15275

Subject: PRIA Label Amendment – Adding Efficacy Claims

Product Name: Virkon S

EPA Registration Number: 39967-137

Received Date: 08/04/2021

Action Case Number/Decision Number: 00314875

#### Dear Ms. Baldassare:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Page 2 of 2 EPA Reg. No. 39967-137 Action Case No./Decision No. 00314875

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Terria Northern via email at northern.terria@epa.gov.

Sincerely,
Marafletal

Marcel Howard

Acting Product Manager 31

Regulatory Management Branch II Antimicrobials Division (7510P)

Enclosure: Accepted Label

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

 $[Virkon^{TM}\ Aquatic\ Disinfectant\ and\ Virucide^*-ABN]\\ [trifectant^{TM}\ Broad\ Spectrum\ Disinfectant-ABN]$ 

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

#### ACCEPTED

03/08/2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 39967-137

#### Virkon<sup>TM</sup> S

[Disinfectant and Virucide\*]

[BROAD SPECTRUM DISINFECTANT,][FUNGICIDE] [& ALGAECIDE]

[Fragrance Free] [and] [Reduced Dye] [Fragrance and Dye Free]

[For Use in Cleaning and Disinfecting [Industrial][,][Animal] [and] [Agricultural] [Agriculture] [Facilities][Premises]]

[For Use in Cleaning and Disinfecting Companion Animal [and Equine] Facilities]

[For Use in Cleaning and Disinfecting [Equine] [Equestrian] Facilities [Facility]]

[For Use in Cleaning and Disinfecting premises associated with Aquaculture]

[For Use in Cleaning and Disinfecting hard non-porous surfaces in Greenhouses]

[For Use in Emergency Disease Control related to Animal Health] [For Use in Emergency Disease

Response related to Animal Health] [For Use in Emergency Disease Preparedness related to Animal

Health] [Animal Health: For Use in Emergency Disease Control] [Animal Health: For Use in Emergency

Disease Response] [Animal Health: For Use in Emergency Disease Preparedness]

Effective against Viruses\* [Including Canine Parvovirus\*] [,] Bacteria[,] [and] Fungi

#### **ACTIVE INGREDIENTS:**

Potassium peroxymonosulfate 21.41% Sodium Chloride 1.50% OTHER INGREDIENTS 77.09% TOTAL 100.00%

[Equivalent to 9.75% Available Chlorine]

#### KEEP OUT OF REACH OF CHILDREN

#### DANGER/PELIGRO

[See [Inside Booklet][back panel][/] [side panel][leaflet] for [Additional Precautions] [and] [Directions for Use] [and] [Storage and Disposal instructions][and][\*explanatory notes].]

[See [side][/][back] panel for additional precautions and leaflet for additional directions for use]

[See Side Panel for Precautionary Statements]

[Refer to accompanying labeling for additional precautions and complete directions for use]

[See leaflet for additional directions for use [and \* explanatory notes.]]

EPA Reg. No. 39967-137

EPA Est. No. XXXXX-YY-ZZZ

<Lot or batch #> [Product Code#]

[Net Contents: XXX [(X-containers)] [(tablets)][see individual container]]

[POWDER FORM] [TABLET FORM] [TABLETS][SACHET FORM] [INDIVIDUAL SACHETS]

Revision Submission Date: Aug. 4, 2021

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[© {insert current year} LANXESS. trifectant™ is a registered trademark of Antec International Ltd.]

{Note to reviewer: First Aid Statement below shall appear on front panel.}

FIRST AID				
If in Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for further treatment advice.			
If on Skin or Clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for further treatment advice.			
If Swallowed:	Call a Poison Control Center or doctor immediately for treatment advice.  Have person sip a glass of water if able to swallow.  Do not induce vomiting unless told to do so by the poison control center or doctor  Do not give anything by mouth to an unconscious person			
[HOT LINE NUMBER]				
For 24-hour emergency information on this product, call 866-673-6350. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.				

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured for: Lanxess Corporation 111 RIDC Park West Drive Pittsburgh, PA 15275 [Distributed by: Vetoquinol USA Inc. 4250 N. Sylvania Ave Fort Worth, Texas 76137]

For information: US/Canada (800) LANXESS International +1 412 809 1000

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Virkon<sup>TM</sup> S
Note to reviewer: TEXT IN [BRACKETS] IS OPTIONAL. Variables such as CAPITALIZATION,
punctuation, superscripting, subscripting, plurals or singular, bold and italics are optional unless specified.
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                                      [Virkon<sup>TM</sup> VC Disinfectant and Virucide* for Veterinary-ABN]
                                      [Virkon<sup>TM</sup> Professional –ABN]
                                      [Virkon<sup>TM</sup> H –ABN]
                                      [Virkon<sup>TM</sup> E -ABN]
Note to reviewer: Either the pathogen list or the organism table must appear on the label, with a minimum of the
required pathogens}
EFFECTIVE AGAINST THE FOLLOWING [ PATHOGEN[S] ]:
[ANIMAL AND ZOONOTIC PATHOGENS]
BACTERIA
[Actinobacillus pleuropneumoniae] [ATCC 27089]
[Avibacterium paragallinarum [(Infectious coryza)]] [†] [ATCC 29545]
[Bacillus cereus] [ATCC 14579]
[Bordetella avium] [ † ] [ATCC 35086]
[Bordetella bronchiseptica] [ † ] [ATCC 10580]
[Brucella abortus] [ATCC 4315]
[Campylobacter jejuni] [ATCC 29428]
[Clostridium perfringens] [ATCC 13124]
[Dermatophilus congolensis (2%)] [ATCC 14637]
[Escherichia coli] [ATCC 11229]
[Fistulous withers (Poll Evil)] [†]
[Haemophilus somni] [†] [ATCC 43625]
[Helicobacter pylori] [†] [Strain GBL# 775]
[Klebsiella pneumoniae] [ATCC 4352]
[Leptospira canicola] [ † ]
[Listeria monocytogenes] [†] [ATCC 19117]
[Moraxella bovis (Pink Eye)] [†] [ATCC 10900]
[Mycoplasma gallisepticum] [ATCC 19610]
[Mycoplasma hyopneumonia] [ATCC 25934]
[Mycoplasma mycoides] [†] [Strains B103, Afade, and NCTC-Type #10114]
[Pasteurella multocida] [ATCC 12947]
Pseudomonas aeruginosa [ATCC 15442 & NCIMB 10421]
[Proteus vulgaris] [†][ATCC 13315]
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Salmonella enterica [ATCC 6538 & ATCC 10708]

[Salmonella enterica (subspecies enterica serovar Reading)] [†][ATCC 6967]

Salmonella typhimurium [ATCC 23564]

[Shigella sonnei] [ATCC 25931]

[Staphylococcus aureus] [ATCC 6538]

[Staphylococcus epidermidis] [ATCC 12228]

[Staphylococcus hyicus [(Greasy Pig)]] [†] [(ATCC 11249)]

[Streptococcus equi (Strangles)] [†] [ATCC 9527]

[Streptococcus pyogenes] [ATCC 19615]

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                                     [Virkon<sup>TM</sup> H –ABN]
                                     [Virkon^{\rm TM} \ E \ -ABN]
[Streptococcus suis] [ATCC 43765]
[Taylorella equigenitalis] [†] [ATCC 35865]
[Treponema hyodysenteriae] [ † ] [ATCC 27164]
VIRUSES*
[Adenovirus Pneumonia] [ † ][ATCC VR-921]
[African Swine Fever Virus [ † ] (tested with 1% soil load and 342 ppm hard water)][ASF virus
  isolate LIL 20/1]
[Avian Adenovirus [( ]Type 2[ )]] [ † ] [ATCC VR-280 (Fontes)]
Avian Influenza Virus [H7N1 [(Strain A/Chicken/Germany/34)], H7N9 [(wild type
  A/Anhui/1/2013, CDC # 2013759189 strain)]]
[[Avian] Infectious Bronchitis Virus] [†] [Strain Beaudette IB42 (Solvay Animal Health)]
[Avian [Infectious] Laryngotracheitis Virus] [(ILT)] [LT-IVAX strain]
[Avian Reovirus] [ † ] [ATCC VR-2449]
[Bovine Adenovirus Type 4] [ATCC VR-640]
[Bovine Polyoma Virus] [†]
[Bovine Pseudocowpox Virus] [ † ]
[Bovine Viral Diarrhea Virus † ] (deionized water)] [ATCC VR-534]
[Calf Rotavirus[†] (deionized water)] [ATCC VR-452]
[Canine Adenovirus (Canine Hepatitis)] [ATCC VR-800]
[Canine Coronavirus] [†] [ATCC VR-809]
[Canine Distemper Virus] [†] [ATCC VR-128]
[Canine Parainfluenza Virus] [ † ] [ATCC VR-666]
[Canine Parvovirus] [ATCC VR-2017]
[Chicken Anemia Virus] [†] [Strain Cux 1]
[Coital Exantherma Virus] [†] [ATCC VR-352]
[Duck Atadenovirus A [ † ] (deionized water)][ATCC VR-921]
[Duck Enteritis Virus] [†]
[Egg Drop Syndrome Adenovirus] [†] [ATCC VR-921]
[Equine Arteritis Virus[†] (deionized water)] [ATCC VR-796]
[Equine Contagious Abortion Virus] [†] [ATCC VR-2229]
[Equine Herpes Virus (Type 1)] [ATCC VR-2229]
[Equine Herpes Virus (Type 3)] [ATCC VR-352]
[Equine Influenza Virus [(Type A)]] [ATCC VR-2070]
[Equine Papillomatosis Virus] [†] [ATCC VR-2229]
[Feline Calicivirus] [ATCC VR-782]
[Feline Herpes Virus] [†] [ATCC VR-636]
[Feline Infectious Peritonitis Virus] [†] [ATCC VR-2202]
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                                      [Virkon<sup>TM</sup> H –ABN]
                                      [Virkon<sup>TM</sup> E -ABN]
[Feline Panleukopenia Virus] [ATCC VR-648]
[Feline Parvovirus] [ † ] [ATCC VR-648]
[Feline Rhinotracheitis Virus] [ATCC VR-636]
[Foot and Mouth Disease Virus] [O1 BFS 1860/67 strain]
[Hog Cholera Virus] [†] [CVL Laboratory strain]
[Infectious Bronchitis Virus] [†] [Strain Beaudette IB42 (Solvay Animal Health)]
[Infectious Bursal Disease Virus] [†] [Solvay Animal Health strain & Strain 52/70]
[Infectious Canine Hepatitis Virus] [†] [ATCC VR-800]
[Infectious Pancreatic Necrosis Virus] [†] [Isolate FR31:75 (French Reference isolate), Sp.
   Serotype]
[Infectious Salmon Anaemia Virus] [†] [#00.046.0.05.001., Isolated from tissues of infected
   Atlantic salmon from Bay of Fundy, New Brunswick, Canada]
[Infective Bovine Rhinotracheitis Virus [ † ] (deionized water)] [ATCC VR-188]
[Maedi- Visna Virus] [ † ] [K 184 strain]
[Marek's Disease Virus] [†] [Charles River Laboratories strain]
[Mouse Parvovirus] [†] [ATCC VR-1346]
[Newcastle Disease Virus] [ATCC VR-108] & [LaSota Strain (Charles River Laboratories)]
[Parainfluenza virus Type 3] [(PI3)][ †] [ATCC VR-281 & ATCC VR-93]
[PCV2 Virus (PMWS)] [(Porcine Circovirus)] [†] [Strain #16024897 (Iowa State University)]
[Porcine Epidemic Diarrhea Virus [(PEDv)] ] [ † ] [Colorado 2013 Isolate strain (NVSL)]
[Porcine Parvovirus] [ † ] [ATCC VR-742]
[Porcine Reproductive and Respiratory Syndrome Virus (PRRS)] [ † ] [NVSL Strain (University
  of Kentucky)]
[Porcine Rotavirus] [ † ] [ATCC VR-893]
[Pseudorabies Virus (Aujesky's Disease) [†] (deionized water)] [ATCC VR-135]
[Rotaviral Diarrhea Virus] [†] [ATCC VR-2102]
[SARS-Related Coronavirus 2 [(SARS-CoV-2)]] [ † ] [Strain USA-WA 1/2020]
[Seneca Valley Virus [(SVV)]] [†] [ATCC PTA-5343]
[Snakehead Rhabdovirus] [†] [Ban Pako Strain & Strain 19 (University of Stirling, Scotland)]
[Simian Virus (SV40 Virus)] [ATCC VR-305]
[Swine Influenza Virus [(H1N1)]] [†] [(H1N1) ATCC VR-333] [H3N2 ATCC-VR 544]
[Swine Vesicular Disease Virus] [†] [Strain SVDV UK G 27/72]
[Transmissible Gastroenteritis Virus (TGE) [ † ] (deionized water)] [ATTC VR-763]
[Turkey Herpes Virus[†] (deionized water)] [ATCC VR-584-C (TRT)]
[Turkey Rhinotracheitis Virus] [ † ] [Strain CVL 14/1 CEF (4)]
[Vesicular Stomatitis Virus] [†] [ATCC VR-158]
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                                        [Virkon<sup>TM</sup> Professional –ABN]
                                        [Virkon<sup>TM</sup> H –ABN]
                                        [Virkon<sup>TM</sup> E -ABN]
[FUNGI]
[Aspergillus flavus] [†]
[Aspergillus fumigatus] [†] [ATCC 10894]
[Fusarium moniliforme] [†] [ATCC 10052]
[Microsporum canis] [†] [Strain S294A (Hatano Research Institute, Japan)]
[Trichophyton interdigitale (2%)] [ATCC 9533]
[PLANT PATHOGENS]
[Alternaria solani] [ † ]
[Botrytis cinera] [†] [cc# 005]
[Colletotrichum coccodes] [†]
[Didymella bryoniae] [†] [cc# 149]
[Fusarium oxysporum] [ † ] [ (cc# 082) fsp. Radicis-lycopersici (FORL)]
[Fusarium solani] [ † ] [cc# 204]
[Penicillium oxalicum] [†] [BC MAFF isolate 0947-2] [& cc# 150]
[Phomopsis sclerotioides] [†] [cc# 126]
[Pyrenochaeta lycoopersici] [†] [cc# 084]
[Pythium aphanidermatium] [†] [cc# 167]
[Rhizoctonia solani] [†]
[Sclerotinia sclerotiorum] [ † ] [cc# 130]
[Thielaviopsis basicola] [†] [Isolate ~294 and ~295]
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[Verticillium dahliae] [†] [Institute of Plant Protection of the Agricultural Research Centre]

[Xanthomonas axonopodis] [†] [ATCC 49118]

[†-Not approved in California for use against this organism]

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[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{\rm TM} \ H -\! ABN] \\ & [Virkon^{\rm TM} \ E -\! ABN] \end{aligned}$ 

{Note to reviewer- Optional Table to be reproduced either in part or full. Either the pathogen list or the organism table must appear on the label, with a minimum of the required pathogens}

#### [ [PATHOGEN LIST]

PATHOGEN	Dilution	Oz./	Contact	Temp.
VIRUSES*	Rate	Gallon	Time	
	1 100	1.2	10 .	D.T. I
[Adenovirus Pneumonia[†]	1:100	1.3 oz	10 min	RT]
[African Swine Fever Virus <sup>2</sup> [†]	1:100	1.3 oz	10 min	RT ]
[Avian Adenovirus Type 2[†]	1:200	0.7 oz	10 min	5°C ]
[Avian Infectious Bronchitis[†]	1:100	1.3 oz	10 min	RT]
[Avian Infectious Bronchitis[†]	1:200	0.7 oz	10 min	5°C ]
[Avian Infectious Bronchitis[†]	1:200	0.7 oz	1 min	RT]
[Avian Infectious Bronchitis[†]	1:200	0.7 oz	1 min	5°C ]
[Avian [Infectious] Laryngotracheitis Virus [(ILT)]	1:100	1.3 oz	10 min	RT]
Avian Influenza Virus	1:100	1.3 oz	10 min	RT
[Avian Influenza Virus	1:200[†]	0.7 oz	10 min	5°C ]
[Avian Influenza Virus	1:200[†]	0.7 oz	1 min	RT]
[Avian Influenza Virus	1:200[†]	0.7 oz	1 min	5°C ]
[Avian Influenza Virus	1:600[†]	0.22 oz	10 min	RT]
[Avian Influenza Virus	1:100	1.3 oz	15 sec[†]	5°C ]
[Avian Influenza Virus	1:200[†]	0.7 oz	15 sec[†]	5°C ]
[Avian Reovirus[†]	1:100	1.3 oz	10 min	RT]
[Bovine Adenovirus Type 4	1:100	1.3 oz	10 min	RT]
[Bovine Polyoma Virus[†]	1:100	1.3 oz	10 min	RT]
[Bovine Pseudocowpox Virus[†]	1:100	1.3 oz	10 min	RT]
[Bovine Viral Diarrhea Virus <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Calf Rotavirus <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Canine Adenovirus (Canine Hepatitis)	1:100	1.3 oz	10 min	RT]
[Canine Coronavirus[†]	1:100	1.3 oz	10 min	RT]
[Canine Distemper Virus[†]	1:100	1.3 oz	10 min	RT]
[Canine Distemper Virus[†]	1:200[†]	0.7 oz	10 min	RT]
[Canine Distemper Virus[†]	1:200[†]	0.7 oz	1 min[†]	RT]
[Canine Parainfluenza Virus[†]	1:100	1.3 oz	10 min	RT]
[Canine Parvovirus	1:100	1.3 oz	1 min[ <sup>†</sup> ]	RT]
[Canine Parvovirus	1:100	1.3 oz	10 min	RT]
[Chicken Anemia Virus[†]	1:100	1.3 oz	10 min	RT]

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[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

[Coital Exantherma Virus[†]	1:100	1.3 oz	10 min	RT]
[Duck Atadenovirus A <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Duck Enteritis Virus[†]	1:100	1.3 oz	10 min	RT]
[Egg Drop Syndrome Adenovirus[†]	1:100	1.3 oz	10 min	RT]
[Equine Arteritis Virus <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Equine Contagious Abortion Virus[†]	1:100	1.3 oz	10 min	RT]
[Equine Herpes Virus (Type 1)	1:100	1.3 oz	10 min	RT]
[Equine Herpes Virus (Type 3)	1:100	1.3 oz	10 min	RT]
[Equine Influenza Virus (Type A)	1:100	1.3 oz	10 min	RT]
[Equine Papillomatosis Virus[†]	1:100	1.3 oz	10 min	RT]
[Feline Calicivirus	1:100	1.3 oz	10 min	RT]
[Feline Herpes Virus[ <sup>†</sup> ]	1:100	1.3 oz	10 min	RT]
[Feline Infectious Peritonitis Virus[†]	1:100	1.3 oz	10 min	RT]
[Feline Panleukopenia Virus	1:100	1.3 oz	10 min	RT]
[Feline Parvovirus[†]	1:100	1.3 oz	10 min	RT]
[Feline Rhinotracheitis Virus	1:100	1.3 oz	10 min	RT]
[Foot and Mouth Disease Virus	1:100	1.3 oz	10 min	RT]
[Hog Cholera Virus[†]	1:100	1.3 oz	10 min	RT]
[Infectious Bronchitis Virus[†]	1:100	1.3 oz	10 min	RT]
[Infectious Bursal Disease Virus[†]	1:100	1.3 oz	10 min	RT]
[Infectious Canine Hepatitis Virus[†]	1:100	1.3 oz	10 min	RT]
[Infectious Pancreatic Necrosis Virus[†]	1:100	1.3 oz	10 min	RT]
[Infectious Salmon Anaemia Virus[†]	1:100	1.3 oz	10 min	RT]
[Infective Bovine Rhinotracheitis Virus <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Maedi- Visna Virus[†]	1:100	1.3 oz	10 min	RT]
[Marek's Disease Virus[†]	1:100	1.3 oz	10 min	RT]
[Marek's Disease Virus[†]	1:200[†]	0.7 oz	10 min	RT]
[Marek's Disease Virus[†]	1:200[†]	0.7 oz	10 min	5°C ]
[Mouse Parvovirus[†]	1:100	1.3 oz	10 min	RT]
[Newcastle Disease Virus	1:100	1.3 oz	10 min	RT]
[Newcastle Disease Virus	1:200[†]	0.7 oz	10 min	RT]
[Newcastle Disease Virus	1:200[†]	0.7 oz	10 min	5°C ]
[Newcastle Disease Virus	1:200[†]	0.7 oz	15 sec[†]	5°C ]
[Parainfluenza virus Type 3[†]	1:100	1.3 oz	10 min	RT]
[Parainfluenza virus Type 3[†]	1:100	1.3 oz	1 min[ <sup>†</sup> ]	RT]
[Parainfluenza virus Type 3[†]	1:200[†]	0.7 oz	10 min	RT]
[Parainfluenza virus Type 3[†]	1:200[†]	0.7 oz	1 min[†]	RT]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

 $[Virkon^{TM}\ Aquatic\ Disinfectant\ and\ Virucide^*-ABN]\\ [trifectant^{TM}\ Broad\ Spectrum\ Disinfectant-ABN]$ 

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

[PCV2 Virus (PMWS) [(Porcine Circovirus)][†]	1:100	1.3 oz	10 min	RT]
[PCV2 Virus (PMWS) [[(Porcine Circovirus)][†]	1:200	0.7 oz	10 min	RT]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:100	1.3 oz	10 min	RT]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:200[†]	0.7 oz	10 min	5°C ]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:200[†]	0.7 oz	1 min[†]	RT]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:200[†]	0.7 oz	1 min[†]	5°C ]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:600[†]	0.22 oz	10 min	RT]
[Porcine Epidemic Diarrhea Virus [(PEDv)] [†]	1:600[†]	0.22 oz	10 min	5°C ]
[Porcine Parvovirus[†]	1:100	1.3 oz	10 min	RT]
[Porcine Reproductive and Respiratory	1:100	1.3 oz	10 min	RT]
Syndrome virus (PRRS) [†]				
[Porcine Reproductive and Respiratory	1:600[†]	0.22 oz	10 min	RT]
Syndrome virus (PRRS) [†]	4 6005†7	0.00	10 .	<b>5</b> 0.00 1
[Porcine Reproductive and Respiratory	1:600[†]	0.22 oz	10 min	5°C ]
Syndrome virus (PRRS) [†]	1:100	1 2	10 min	DT 1
[Porcine Rotavirus[†]		1.3 oz		RT]
[Porcine Rotavirus[†]	1:600[†]	0.22 oz	10 min	RT]
[Porcine Rotavirus[†]	1:600[†]	0.22 oz	10 min	5°C ]
[Pseudorabies Virus (Aujesky's Disease) <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Rotaviral Diarrhea Virus[†]	1:100	1.3 oz	10 min	RT]
[SARS-Related Coronavirus 2 [(SARS-	1:100	1.3 oz	10 min	RT ]
CoV-2)]] [†]	1 100	1.2	4 .	D.W. I
[SARS-Related Coronavirus 2 [(SARS-	1:100	1.3 oz	1 min	RT]
CoV-2)]] [†]	1:100	1.3 oz	10 min	DT 1
[Seneca Valley Virus (SVV) [†]			10 min	RT]
[Simian Virus (SV40 Virus)	1:100	1.3 oz	10 min	RT]
[Snakehead Rhabdovirus[†]	1:100	1.3 oz	10 min	RT]
[Swine Influenza Virus [(H1N1)][†]	1:100	1.3 oz	10 min	RT]
[Swine Influenza Virus [(H1N1)] [†]	1:100	1.3 oz	30 sec[†]	RT ]
[Swine Influenza Virus [(H1N1)] [†]	1:600[†]	0.22 oz	10 min	RT]
[Swine Vesicular Disease Virus[†]	1:100	1.3 oz	10 min	RT]
[Transmissible Gastroenteritis Virus (TGE) <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT ]
[Turkey Herpes Virus <sup>1</sup> [†]	1:100	1.3 oz	10 min	RT]
[Turkey Rhinotracheitis Virus[†]	1:100	1.3 oz	10 min	RT]
[Vesicular Stomatitis Virus[†]	1:100	1.3 oz	10 min	RT]
[Vesicular Stomatitis Virus[†]	1:200[†]	0.7 oz	10 min	RT]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

BACTERIA				
[Actinobacillus pleuropneumoniae	1:100	1.3 oz	10 min	RT]
[Avibacterium paragallinarum[†]	1:100	1.3 oz	10 min	RT]
[Avibacterium paragallinarum[†]	1:100	1.3 oz	1 min[†]	RT]
[Bacillus cereus	1:100	1.3 oz	10 min	RT]
[Bordetella avium[†]	1:100	1.3 oz	10 min	RT]
[Bordetella bronchiseptica[†]	1:100	1.3 oz	10 min	RT]
[Brucella abortus	1:100	1.3 oz	10 min	RT]
[Campylobacter jejuni	1:100	1.3 oz	10 min	RT]
[Clostridium perfringens	1:100	1.3 oz	10 min	RT]
[Dermatophilus congolensis (2%)	1:50	2.7 oz	10 min	RT]
[Escherichia coli	1:100	1.3 oz	10 min	RT]
[Fistulous withers (Poll Evil) [†]	1:100	1.3 oz	10 min	RT]
[Haemophilus somni[†]	1:100	1.3 oz	10 min	RT]
[Helicobacter pylori[†]	1:100	1.3 oz	10 min	RT]
[Klebsiella pneumoniae	1:100	1.3 oz	10 min	RT]
[Leptospira canicola[†]	1:100	1.3 oz	10 min	RT]
[Listeria monocytogenes[†]	1:100	1.3 oz	10 min	RT]
[Moraxella bovis (Pink Eye) [†]	1:100	1.3 oz	10 min	RT]
[Mycoplasma gallisepticum	1:100	1.3 oz	10 min	RT]
[Mycoplasma gallisepticum	1:200[†]	0.7 oz	10 min	RT]
[Mycoplasma hyopneumonia	1:100	1.3 oz	10 min	RT]
[Mycoplasma mycoides[†]	1:100	1.3 oz	10 min	RT]
[Pasteurella multocida	1:100	1.3 oz	10 min	RT]
Pseudomonas aeruginosa	1:100	1.3 oz	10 min	RT
[Proteus vulgaris[†]	1:100	1.3 oz	10 min	RT]
Salmonella enterica	1:100	1.3 oz	10 min	RT
[Salmonella enterica	1:100	1.3 oz	10 min	RT]
(subsp. enterica serovar Reading) [†]				
Salmonella typhimurium	1:100	1.3 oz	10 min	RT
[Shigella sonnei	1:100	1.3 oz	10 min	RT]
[Staphylococcus aureus	1:100	1.3 oz	10 min	RT]
[Staphylococcus epidermidis	1:100	1.3 oz	10 min	RT]
[Staphylococcus hyicus [(Greasy Pig)] [†]	1:100	1.3 oz	10 min	RT]
[Streptococcus equi (Strangles) [†]	1:100	1.3 oz	10 min	RT]
[Streptococcus pyogenes	1:100	1.3 oz	10 min	RT]
[Streptococcus suis	1:100	1.3 oz	10 min	RT]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

[Taylorella equigenitalis[†]	1:100	1.3 oz	10 min	RT]
[Treponema hyodysenteriae[†]	1:100	1.3 oz	10 min	RT]
[FUNGI]				
[Aspergillus flavus[†]	1:100	1.3 oz	10 min	RT]
[Aspergillus fumigatus[†]	1:100	1.3 oz	10 min	RT]
[Fusarium moniliforme[†]	1:100	1.3 oz	10 min	RT]
[Microsporum canis[†]	1:100	1.3 oz	10 min	RT]
[Trichophyton interdigitale (2%)	1:50	2.7 oz	10 min	RT]
[ PLANT PATHOGENS ]				
[Alternaria solani[†]	1:100	1.3 oz	10 min	RT]
[Botrytis cinera[†]	1:100	1.3 oz	10 min	RT]
[Colletotrichum coccodes[†]	1:100	1.3 oz	10 min	RT]
[Didymella bryoniae[†]	1:100	1.3 oz	10 min	RT]
[Fusarium oxysporum[†]	1:100	1.3 oz	10 min	RT]
[Fusarium solani[†]	1:100	1.3 oz	10 min	RT]
[Penicillium oxalicum[†]	1:100	1.3 oz	10 min	RT]
[Phomopsis sclerotioides[†]	1:100	1.3 oz	10 min	RT]
[Pyrenochaeta lycoopersici[†]	1:100	1.3 oz	10 min	RT]
[Pythium aphanidermatium[†]	1:100	1.3 oz	10 min	RT]
[Rhizoctonia solani[†]	1:100	1.3 oz	10 min	RT]
[Sclerotinia sclerotiorum[†]	1:100	1.3 oz	10 min	RT]
[Thielaviopsis basicola[†]	1:100	1.3 oz	10 min	RT]
[Verticillium dahliae[†]	1:100	1.3 oz	10 min	RT]
[Xanthomonas axonopodis[†]	1:100	1.3 oz	10 min	RT]

#### (RT= Room temperature= $20-22^{\circ}$ C)

[†Not approved for this [organism] [or] [use] in California.] *{alternatively:}* [†Not approved in California for [this use] [use against this organism].]

[¹Deionized water.] [²Tested with 1% Soil load, and 342 ppm hard water.]

[It is not approved to use a dilution that is less concentrated than the approved dilution for the targeted pathogen.]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Powder is corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles (or face shield). Wear protective clothing (long sleeve shirt and long pants, socks plus shoes and water-proof gloves). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Corrosive statement refers to powder only not in use-diluted solution.

#### **ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

#### **IBROAD SPECTRUM DISINFECTANT**

Virkon<sup>TM</sup> S is effective against numerous microorganisms [affecting animals]: viruses\*, gram positive and gram negative bacteria, fungi, and mycoplasma (spp. gallisepticum & hyopneumonia) [, on hard, non-porous surfaces]. Efficacy of the 1% solution against bacteria and viruses\* was determined on hard, non-porous surfaces in the presence of 400 ppm [200 ppm in California] AOAC hard water and 5% organic material with a 10 minute contact time in most cases. The exceptions are noted with qualifiers, e.g., ["1 minute [contact time]",] "deionized water," "1% soil load," and "use 2% solution". [Refer to Pathogen list for specific contact times and dilution rates [located within label booklet] [(refer to leaflet)]]]

[Kills H1N1 influenza A virus\* (formerly called swine flu).]

[Kills H1N1 influenza A virus\*.]

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 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

{Note to reviewer: Directions for use on the container label may vary based on the use patterns listed on the label. All required directions for use corresponding to specific uses listed on the label are required to appear. E.g. Text referencing farm premises and/or animal housing facilities is optional on products specifically for Greenhouses and Horticulture and Aquaculture and will be replaced in those cases with use directions specific to that use pattern.}

## GENERAL INSTRUCTIONS— POULTRY AND FARM PREMISES [INCLUDING SWINE PRODUCTION] [AND ANIMAL HOUSING FACILITIES]

- 1. Remove all poultry or other animals and feeds from premises, trucks or other vehicles, coops, crates or other enclosures.
- 2. Remove all litter droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by poultry or other animals.
- 3. Empty all troughs, racks, and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5. Saturate hard, non-porous surfaces with the use-diluted disinfecting solution. When preparing the solution, allow 10 minutes for complete dissolution, mixing periodically [as needed]. Allow surfaces to remain visibly wet for a period of 10 minutes. [Refer to the Pathogen List for specific contact times and dilution rates.] Solutions should be replaced daily or more frequently if visibly soiled.
- 6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
- 7. Ventilate buildings, cars, boats, coops, and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set, or dried.
- 8. Thoroughly scrub treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

Revision Submission Date: Aug. 4, 2021 Page 13 of 61

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN] [Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN]

[virkon<sup>1M</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

# GENERAL INSTRUCTIONS [—]ANIMAL HOUSING FACILITIES [IN] [VETERINARY] [CLINICS][HOSPITALS] [AND] [[—]FARM PREMISES [INCLUDING: EQUINE FACILITIES]]

- 1. Remove all animals and feeds from premises, [trucks or other] vehicles, and [crates or other] enclosures.
- 2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, [walls and surfaces of] kennels, cages, and other facilities and fixtures occupied or traversed by animals.
- 3. Empty or cover all racks, bowls, and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5. Saturate hard, non-porous surfaces with the use-diluted disinfecting solution. When preparing the solution, allow 10 minutes for complete dissolution, mixing periodically [as needed]. Allow surfaces to remain visibly wet for a period of 10 minutes. [Refer to the Pathogen List for specific contact times and dilution rates.] Solutions should be replaced daily or more frequently if visibly soiled.
- 6. Immerse all halters, ropes, collars, leashes, and other types of equipment used in handling and restraining animals, [( ]as well as forks, shovels, and scrapers used for removing litter and manure. [ )]
- 7. Ventilate buildings, cars, boats, and other closed spaces. Do not house [livestock]{or}[animals] or employ equipment until treatment has been absorbed, set, or dried.
- 8. Thoroughly scrub treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

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 $[Virkon^{TM}\ Aquatic\ Disinfectant\ and\ Virucide^*-ABN]\\ [trifectant^{TM}\ Broad\ Spectrum\ Disinfectant-ABN]$ 

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

#### [[Dilution] [Mixing] Instructions:]

To achieve the appropriate use-diluted Virkon™ S concentration, fill container with the volume of water and quantity of product indicated. [For a 1% solution, add 1.3 oz. of powder to one gallon of water.] [For a 1% solution, add one (1) tablet to one pint of water.] [For a 1% solution, empty one 1.3 oz. sachet into 1 gallon of water.] {one of the three statements will appear on corresponding product form, alternatively a dilution table may be used in place of statements} [Stir thoroughly until fully dissolved, then use.] Allow 10 minutes for [full] [complete] dissolution, stirring occasionally [as needed].

#### {Optional dilution tables and charts:}

[Virkon<sup>TM</sup> S DILUTION CHART]

[{Powder:}

[ \land 0 wdc1. \land 1			
Quantity of Water	0.5% Solution††	1% Solution	2% Solution
1 Quart	0.15 ounces	0.3 ounces	0.7 ounces
1 Gallon	0.7 ounces [/ ½ Scoop]	1.3 ounces [/ 1 Scoop]	2.7 ounces [/ 2 Scoops]
10 Gallons	6.7 ounces [/ 5 Scoops]	13.4 ounces [/ 10 Scoops]	26.7 ounces [/ 20 Scoops]
50 Gallons	33.4 ounces [/ 25 Scoops]	66.8 ounces [/ 50 Scoops]	133.5 ounces [/ 100 Scoops]

Measuring cup provided.] [1 Scoop = 1.3 ounces] [1 measuring cup = 1 scoop = 1.3oz.]

#### [{Tablet:}

[(140101.)			
Quantity of Water	0.5% Solution††	1% Solution	2% Solution
1 Pint	-	1 tablet	2 tablets
1 Quart	1 tablet	2 tablets	4 tablets
1 Gallon	4 tablets	8 tablets	16 tablets

#### [{Sachet:}

Quantity of Water	0.5% Solution††	1% Solution	2% Solution
1 Gallon	-	1 Sachet	2 Sachets
2 Gallons	1 Sachet	2 Sachets	4 Sachets

{Dilution tables specific to each product form are optional and will appear on the appropriate form's label}

[†† The 0.5% solution currently is not approved for use in California.]

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[Virkon<sup>TM</sup> Professional –ABN]

[Solutions are stable for 7 days.] [Solutions should be replaced daily or more frequently if visibly soiled.] [Do not soak metal objects in Virkon<sup>TM</sup> S for long periods.] [Refer to Pathogen list for specific contact times [and exceptions].] [One gallon of solution is sufficient to treat 135 sq. ft.] [This powder formulation is easily diluted for use in manual or machine operations.]

[[Making a 1:600<sup>††</sup> Dilution]

[How to make a 1:600<sup>††</sup> dilution of Virkon<sup>TM</sup> S]

[1:600<sup>††</sup> dilution is equal to 1 scoop [(1.3oz)] of Virkon<sup>TM</sup> S in 6 Gallons of water]

Γ	Quantity of Water	1:600 Solution <sup>††</sup>
L	10 Gallons	2.2 ounces [/ 2 Scoops]
	50 Gallons	11.0 ounces [/ 9 Scoops]

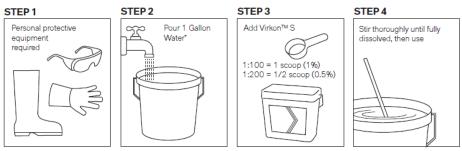
[Measuring cup provided.] [1 Scoop = 1.3 ounces] [1 measuring cup = 1 scoop = 1.3oz.]

#### {Optional pictograms for making an in-use solution, using select volumes from the dilution chart.}

[How to make a ready-to-use Virkon<sup>TM</sup> S disinfectant solution:]

{From powder instructions, all text is 6pt or larger:}

{Option 1A: Deionized water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}



Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.7oz.
The 0.5% solution currently is not approved for use in California.

\* Use deionized water for pathogens on master label denoted with a 1 on the pathogen list.

<sup>†† -</sup> Not an approved use in California. ]

#### TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

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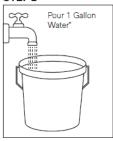
[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

{Option 1B: Deionized water, refer to pathogen list }
STEP 1
STEP 2
STEP 3







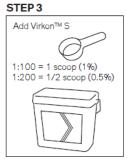


Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.7oz.
The 0.5% solution currently is not approved for use in California.
\* Use deionized water where applicable, see pathogen list.

{Option 2A: Distilled water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}









Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.7oz. The 0.5% solution currently is not approved for use in California.

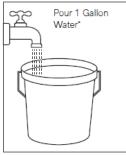
\* Use distilled water for pathogens on master label denoted with a 1 on the pathogen list.

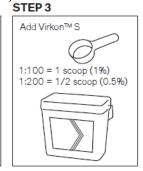
{Option 2B: Distilled water, refer to pathogen list}

STEP 1

STEP 2









Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.7oz. The 0.5% solution currently is not approved for use in California.

\* Use distilled water where applicable, see pathogen list.

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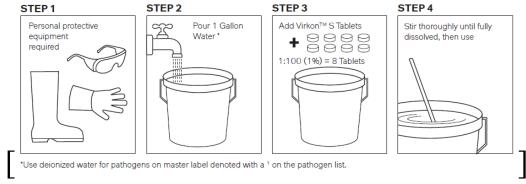
[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

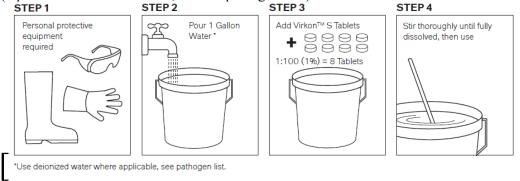
[How to make a ready-to-use Virkon<sup>TM</sup> S disinfectant solution:]

{From tablet instructions, all text is 6pt or larger:}

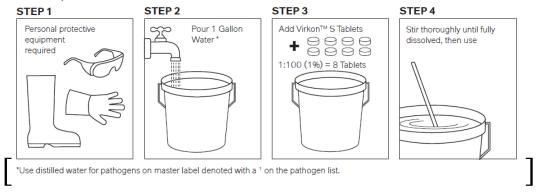
{Option 1A: Deionized water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}



{Option 1B: Deionized water, refer to pathogen list }



{Option 2A: Distilled water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}



TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

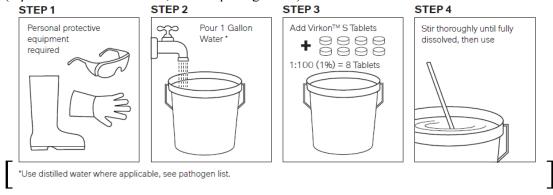
Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary-ABN]

[Virkon<sup>TM</sup> Professional –ABN]

{Option 2B: Distilled water, refer to pathogen list}



#### [ [WATERPROOF] [RUBBER] [BOOT DISINFECTION] [BOOT BATH] [FOOT BATH]

[Virkon<sup>TM</sup> S at a 1% solution can be used for cleaning and disinfecting [rubber] [waterproof] boots\*\*.] [Boot bath disinfectant] [Foot bath disinfectant] [How to make a Virkon<sup>TM</sup> S disinfectant boot bath]

[Boot bath and tray

Place boot bath or tray at entrances to reduce cross contamination on treated hard, non-porous surfaces [in poultry and farm premises, livestock facilities and stalls, and animal containment areas].

- 1. Make a 1% solution of Virkon<sup>TM</sup> S by filling a suitable container with water and Virkon<sup>TM</sup> S according to the dilution table [from product label]. Stir thoroughly until fully dissolved. [Allow 10 minutes for [full] [complete] dissolution, stirring occasionally [as needed]. ] [Solutions are stable for 7 days.][Change the solution every 2 to 3 days or when it becomes visibly soiled.] [Solutions should be replaced daily or more frequently if visibly soiled.]
- 2. Before application of Virkon™ S solution, rinse or brush footwear surfaces [including soles] to remove visible filth and heavy soil deposits.
- 3. Step into the container with boots on and use a clean brush to clean boots with disinfectant solution. [Alternatively user may remove boots and place in container of solution and then follow instructions to clean boots.]
- 4. Wash boots thoroughly paying close attention to the soles. Allow surfaces to remain visibly wet for a period of 10 minutes. [Surface contact time is 10 minutes]

<sup>\*\*-</sup>Virkon<sup>TM</sup> S should only be used on water proof or non-porous footwear. Do not use on footwear that is damaged or permeable by water. ]

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

#### {Optional marketing graphics/pictograms for footwear disinfection:}



{may appear in color or black and white}

[How to make a Virkon<sup>TM</sup> S disinfectant boot bath:]

[Preparing the solution:]{may appear before Steps 1-4 pictogram}

[How to disinfect rubber boots using Virkon<sup>TM</sup> S:]{may appear before Steps 5-6 pictogram or in conjunction with "Preparing the Solution" text}

{Option 1A: Deionized water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}

















 $^*$ Use deionized water for pathogens on master label denoted with a  $^1$  on the pathogen list.

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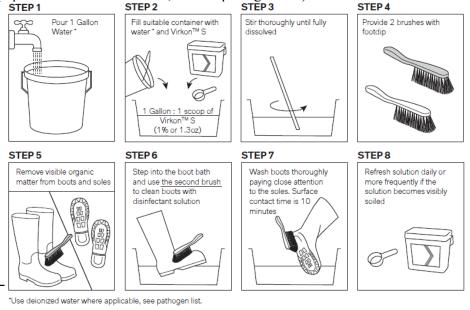
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[Virkon<sup>TM</sup> Professional –ABN]

{Option 1B: Deionized water, refer to pathogen list }



{Option 2A: Distilled water, refer to pathogen list for those pathogens denoted with 1 to correspond to directions}



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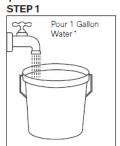
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#### {Option 2B: Distilled water, refer to pathogen list}

















\*Use distilled water where applicable, see pathogen list.

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[Virkon<sup>TM</sup> Professional –ABN]

## [POULTRY PRODUCTION AND RATITE PRODUCTION] [POULTRY [AND RATITE] FACILITIES]

[CONTROLS: Viruses of Newcastle Disease, Avian Adenovirus Type 2[†], Avian [Infectious] Laryngotracheitis virus, Avian Influenza virus, [Avian Reovirus [†],] [Chicken Anemia virus [†],] Duck Atadenovirus A[†], [Duck Viral Enteritis[†],] Infectious Bursal Disease[†], Infectious Bronchitis Virus[†], Marek's Disease virus[†], Egg Drop Syndrome[†], Turkey Herpes Virus[†], and Turkey Rhinotracheitis [†]; Bacteria of Streptococcus pyogenes, Klebsiella pneumoniae, [Bacillus cereus,] Campylobacter jejuni, Clostridium perfringens, Escherichia coli, Salmonella typhimurium, Salmonella enterica [(including subspecies enterica serovar Reading[†])], Pseudomonas aeruginosa, Pasteurella multocida, [Staphylococcus aureus,] [Staphylococcus epidermidis,] Mycoplasma gallisepticum, Avibacterium paragallinarum [(Infectious coryza)] [†], [and] [Bordetella avium [†]], [and] [Helicobacter pylori[†]]; Fungi of [Trichophyton interdigitale (2%),] Aspergillus flavus[†], Aspergillus fumigatus[†].

[†-Not approved in California for use against this organism.]

[HATCHERIES: Virkon<sup>TM</sup> S at 1% solution can be used for cleaning and disinfecting hatchers, setters, evaporative coolers, humidifying systems, ceiling fans, chicken houses, transfer trucks, trays, and plastic chick boxes. Saturate hard, non-porous surfaces with a 1% solution of Virkon<sup>TM</sup> S with a cloth, mop, mechanical spray, or sponge. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.]

[BROILER/BREEDER HOUSES: Follow General Instructions to remove poultry and preclean area to be treated. Spray floors and walls with Virkon<sup>TM</sup> S at 1% solution. Treated surfaces should remain visibly wet for duration of specified contact time. Thoroughly wash waterers and feeders with a 1% solution of Virkon<sup>TM</sup> S. Allow surfaces to remain visibly wet for a period of 10 minutes. After contact for 10 minutes, rinse with potable water. Do not house poultry or use equipment until treatment has dried.]

[PROCESSING PLANTS: Spray Virkon<sup>TM</sup> S at 1% solution to disinfect and clean walls, ceilings and floors. Saturate hard, non-porous surfaces with the use-diluted disinfecting solution. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry.]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

#### [SWINE PRODUCTION] [SWINE FACILITIES]

[CONTROLS: Bacteria of Actinobacillus Pleuropneumoniae, Clostridium perfringens, [Campylobacter jejuni], Escherichia coli, [Klebsiella pneumonia,] Mycoplasma hyopneumonia, Salmonella typhimurium, Streptococcus suis, Bordetella bronchiseptica [†], [Helicobacter pylori [†],] [Leptospira canicola[†],] [Listeria monocytogenes[†],] Pasteurella multocida, [and] Staphyloccocus hyicus (Greasy Pig) [†], [and Treponema hyodysenteriae[†]]; Viruses of Foot and Mouth Disease virus, African Swine Fever virus[†], Hog Cholera[†], Swine influenza virus [(H1N1)] [†], PCV2 [(Porcine Circovirus)][†], Porcine Epidemic Diarrhea Virus (PEDv) [†], Porcine Parvovirus [†], Porcine Reproductive and Respiratory Syndrome Virus (PRRS) [†], Porcine Rotavirus[†], [Swine Vesicular Disease Virus [†],] [and] Transmissible Gastroenteritis Virus (TGE)[†] [, and Vesicular Stomatitis Virus [†]], Fungi of Trichophyton interdigitale (2%), [Aspergillus fumigatus[†],] [and Fusarium moniliforme[†]]. ] [†-Not approved in California for use against this organism.]

[Follow General Instructions to remove swine and preclean area to be treated. Use a 1% solution of Virkon<sup>TM</sup> S for cleaning and disinfecting farrowing units, nurseries, finisher houses, processing plants, and agricultural production equipment such as trucks, waterproof footwear (such as rubber boots), and associated livestock equipment and instruments. Saturate hard, non-porous surfaces with a 1% solution of Virkon<sup>TM</sup> S with a cloth, mop, mechanical spray, or sponge. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

# [EQUINE FACILITIES] [BROAD SPECTRUM EQUINE DISINFECTANT/DETERGENT/WASH FOR CLEANING AND DISINFECTING STABLES AND EQUIPMENT]

[CONTROLS: Viruses of Equine herpes Type 1 and Type 3, Equine Influenza, [Adenovirus Pneumonia [†],] Equine Viral Arteritis (Pink Eye) [†], Coital Exantherma[†], Myeloencephalopathy [†], Rhinopneumonitis[†], Equine Contagious Abortion[†], Equine Papillomatosis[†], Adenovirus Pneumonia[†], [Rotaviral Diarrhea Virus [†],] [Vesicular Stomatitis Virus [†],] and Rhinitis [†]. Bacteria of; [Brucella abortus,] [Clostridium perfringens,] [Dermatophilus congolensis (at 2%),] Escherichia coli, [Klebsiella pneumonia,] [Pasteurella multocida,] Pseudomonas aeruginosa, Salmonella enterica, Salmonella typhimurium, [Staphylococcus aureus,] [Staphylococcus epidermidis,] [Streptococcus pyogenes,] [Clostridial Diarrhea [†],] Fistulous Withers (Poll Evil) [†], Bordetella bronchiseptica [†], [Leptospira canicola [†],] Streptococcus equi (Strangles) [†], and Taylorella equigenitalis [†]. Fungi of Trichophyton interdigitale (at 2%), [Aspergiulls fumigatus[†],] and Fusarium moniliforme[†].

[†-Not approved in California for use against this organism.]

[APPLICATIONS: For cleaning and disinfecting hard, non-porous surfaces, equipment, utensils and instruments in Veterinary practices, kennels, stables, catteries, etc.

USES: Stables, Horse Boxes, Box Stalls, Tack, Equipment, and Feed Rooms: Follow general instructions to remove animals from area to be treated. Thoroughly clean and dry [dry clean] surfaces, then wash the area manually or with pressure washer with a 1% Virkon<sup>TM</sup> S solution, saturating hard, non-porous surfaces for a period of 10 minutes. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.]

[To Clean Blankets, Saddle Pads and Rugs: *Not an approved use in California*: Using a 1% solution of Virkon<sup>TM</sup> S, shampoo by hand or spray lightly with a hand-sprayer and leave to dry. Shake or vacuum to remove residue.]

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[Virkon<sup>TM</sup> Professional –ABN]

#### [BOVINE PRODUCTION] [BOVINE FACILITIES]

[CONTROLS: Viruses of [Bovine Adenovirus Type 4,] [Bovine Polyoma Virus [†],] [Bovine Pseudocowpox Virus[†],] Bovine Viral Diarrhea Virus [†], Foot and Mouth Disease virus, Calf rotavirus[†], Infectious Bovine Rhinotracheitis[†], Pseudorabies[†], Parainfluenza virus type 3 [†], Rotaviral Diarrhea virus [†], [Vesicular Stomatitis virus [†]]; Bacteria of [Bacillus cereus,] Brucella abortus, [Camplyobacter jejuni, ] Clostridium perfrigens, [Dermatophilus congolensis (2%),] Escherichia coli, [Helicobacter pylori[†],] [Listeria monocytogenes[†],] Klebsiella pneumonia, Leptospira canicola [†], Pasteurella multocida, Pseudomonas aeruginosa, Salmonella enterica, Salmonella typhimurium, Staphylococcus aureus[,][Staphylococcus epidermidis,] [Streptococcos pyogenes,] Haemophilus somnusi[†], Moraxella bovis [†], [Mycoplasma mycoides[†],] [Proteus vulgaris [†],]; Fungi of Trichophyton interdigitale (2%), [Aspergillus fumigatus [†],] and Fusarium moniliforme [†]. ]

[Follow General Instructions to remove livestock and preclean area to be treated. Use a 1% solution of Virkon<sup>TM</sup> S to clean and disinfect areas associated with bovine housing stabling, hospital quarantine pens, feedlot facilities, and agricultural production equipment: such as trucks, water-proof footwear (such as rubber boots), and associated livestock equipment and instruments. Saturate hard, non-porous surfaces with a 1% solution of Virkon<sup>TM</sup> S with a cloth, mop, mechanical spray, or sponge. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.]

#### [COMPANION ANIMALS] [COMPANION ANIMAL FACILITIES]

[CONTROLS: Viruses of Canine Adenovirus, Canine Parvovirus, Feline Calicivirus, Feline Rhinotracheitis virus, [Adenovirus pneumonia[†], ] Canine Coronavirus[†], Canine Distemper[†], Canine Parainfluenza virus[†], Feline Parvovirus[†], Feline Herpes[†], Feline Infectious Peritonitis Virus[†], [and] Infectious Canine Hepatitis Virus[†] [, and Rotaviral Diarrhea virus [†]]; Bacteria of [Campylobacter jejuni,] [Clostridium perfingens,] [Escherichia coli,] [Salmonella enterica,] Staphylococcus aureus, Streptococcus pyogenes, Klebsiella pneumoniae, Pseudomonas aeruginosa, [Pasteurella multocida,] Bordetella bronchiseptica [†], Leptospira canicola [†] and Salmonella typhimurium. Fungi of Trichophyton interdigitale (2%), [Aspergillus fumigatus [†],] and Microsporum canis[†]. ]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[APPLICATIONS: Use a 1% solution of Virkon<sup>TM</sup> S as a "one step" cleaning and disinfecting procedure (Remove visible filth and soil deposits before application of the disinfecting/cleaning solution) for all hard, non-porous surfaces, equipment, instruments, utensils and cages [caging systems] within or [associated with] Veterinary Medical Hospitals, animal infectious disease wards, quarantine areas, Humane Society facilities, laboratory animal quarters, grooming and boarding facilities, kennels, catteries, pet shops, and animal transportation vehicles.

Saturate hard, non-porous surfaces with a 1% solution of Virkon<sup>TM</sup> S with a cloth, mop, mechanical spray, or sponge. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.

Do not immerse metal objects in Virkon<sup>TM</sup> S for long periods. [Refer to Pathogen list for specific contact times.]]

#### [For Cleaning and Disinfection of [Veterinary Clinics]

[For cleaning and disinfecting hard non-porous surfaces [(and equipment)]:]

- 1. Pre-clean visibly soiled areas.
- 2. Apply use[-diluted] solution [to hard, non-porous surfaces] until thoroughly wet.
- 3. Allow surfaces to remain visibly wet for a period of 10 minutes. [Refer to the Pathogen List for specific contact times and dilution rates.]
- 4. [Allow to air dry] [Let air dry]. [Do not house [livestock] {or} [animals] or employ equipment until treatment has been absorbed, set, or dried].]

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[Virkon<sup>TM</sup> Professional –ABN]

#### [GREENHOUSES AND HORTICULTURE]

{Note to reviewer: When product uses are specific and limited to this segment the below text specific to this section shall be included as DFUs in place of text referencing farm premises and/or animal housing facilities. It is optional on product labels without this use pattern.}

Virkon<sup>TM</sup> S is intended to disinfect hard, non-porous environmental surfaces: such as floors, walls, glasshouse structures, ventilation and other equipment, utensils, trays, and other containers, water systems, evaporative coolers, storage rooms, and vehicles in greenhouses and other horticultural settings prior to introduction or reintroduction of plants, seeds, or soil. Not approved in California for use on ventilation and other equipment and water systems. It is not intended to directly affect agricultural production and must not be applied to plants, seeds, or soil. If necessary, remove or cover these items prior to use of the product.

#### For surfaces and equipment

- 1) Sweep and remove all plant debris. Use power sprayer to wash all surfaces to remove loose dirt.
- 2) Use a dilution of 1:100 or 1.3 oz. Virkon™ S per gallon of clean water. Use a dilution of 1:50 or 2.6 oz. per gallon of clean water if surfaces that are to be treated have not been precleaned with water to remove organic deposits. Not approved in California for use at 1:50 dilution on surfaces that have not been pre-cleaned with water to remove organic deposits.
- 3) Apply solution with mop, sponge, or power sprayer to thoroughly wet all surfaces. Allow surfaces to remain visibly wet for a period of 10 minutes. [Refer to pathogen list for specified contact times.]
- 4) Heavy growth of algae or fungi may have to be scrubbed off following application.
- 5) Reapply as often as needed for control.

For clean non-porous hard surfaces

Pots, flats, trays: Use a dilution of 1:100 or 1.3 oz. per gallon of clean water. Soak tools to ensure complete coverage.

Work areas: Sweep and remove all plant debris. Use power sprayer to wash all surfaces to remove loose dirt. Use a dilution of 1:100 or 1.3 oz. of Virkon<sup>TM</sup> S per gallon of clean water. Use a dilution of 1:50 or 2.6 oz. of Virkon<sup>TM</sup> S per gallon of clean water if surfaces that are to be treated have not been pre-cleaned with water to remove organic deposits.

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[For evaporative coolers: Not approved use in California: Treat existing algae and slime-contaminated surfaces with a 1:100 dilution of Virkon<sup>TM</sup> S. Treat cooler water every week with a dilution of 1:200 or 0.7 oz. of Virkon<sup>TM</sup> S for every gallon of cooler water.]

[Virkon<sup>TM</sup> S may also be used to disinfect irrigation tanks and lines. Not an approved use in California: Run a 1% solution through the system or soak equipment in a 1% solution. Let stand for ten minutes (allow surfaces to remain visibly wet for a period of 10 minutes) and flush system with clean water after treatment.]

#### [AQUACULTURE [†]]

[†-Not approved for this use in California]

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Virkon<sup>TM</sup> S is intended to disinfect hard, non-porous environmental surfaces associated with aquaculture including vehicles (such as boats, trailers, autos, etc.), nets, boots, waders, dive suits, hoses, brushes and other similar equipment. Saturate surfaces with the use-diluted disinfecting solution. Allow surfaces to remain visibly wet for a period of 10 minutes. Virkon<sup>TM</sup> S may also be used in foot dips. Virkon<sup>TM</sup> S must not be applied directly to water.

[Equipment used in separate sites, tanks, ponds in aquaculture settings must be disinfected before each new use by soaking for 20-30 minutes in a 1% Virkon<sup>TM</sup> S solution followed by a water rinse.]

#### {Vehicle instructions: }

#### [ [For Cleaning and disinfection of]VEHICLES

- 1. Pre-clean visibly soiled areas.
- 2. Apply [use-diluted solution] to hard, non-porous surfaces using a high pressure or coarse spray system.
- 3. Allow surfaces to remain visibly wet for a period of 10 minutes. [Refer to the Pathogen List for specific contact times and dilution rates.]
- 4. [Allow to air dry] [Let air dry]. ]

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[Virkon<sup>TM</sup> Professional –ABN]

# [EMERGENCY DISEASE CONTROL ANIMAL HEALTH] [EMERGENCY DISEASE RESPONSE ANIMAL HEALTH] [EMERGENCY DISEASE PREPAREDNESS ANIMAL HEALTH]

[Disinfection helps to reduce cross-contamination on treated hard, non-porous surfaces of OIE List A organisms [including;][:] Newcastle Disease Virus, Foot and Mouth Disease Virus, Vesicular Stomatitis Virus†, Classical Swine Fever Virus†, (Hog Cholera virus†), African Swine Fever Virus†, Highly Pathogenic Avian Influenza Virus, Swine Vesicular Disease Virus†, and Mycoplasma mycoides† (Contagious Bovine Pleuropneumonia†). †Not approved for this use in California.]

[Use a 1% solution of Virkon<sup>TM</sup> S to clean and disinfect hard non-porous surfaces [associated with] agricultural facilities and equipment, military facilities and equipment; airport facilities and equipment, port facilities and equipment, rail facilities and equipment, quarantine facilities and equipment, slaughter facilities and equipment, and other shipping facilities and equipment where animals or soils suspected of harboring Foot and Mouth Disease Virus might have been previously present.

Within these facilities, treated hard, non-porous objects include but are not limited to vehicles, farm equipment (including tractors, ploughing shares, cars and trucks, farm engines, harvesters, loaders, mowers, tillers and slaughter machinery), military equipment (including tanks and troop carriers), and shipping equipment (pallets, bins and containers).

On hard, non-porous surfaces that have been pre-cleaned with water [and soap or detergent] to remove organic deposits, spray Virkon<sup>TM</sup> S at 1% solution to disinfect and clean walls, ceilings, floors, decks, container surfaces, vehicles, wheels, water proof footwear (such as rubber boots), livestock equipment, utensils and instruments. Saturate surfaces with the use-diluted disinfecting solution. Allow surfaces to remain visibly wet for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.

Do not immerse metal objects in Virkon<sup>TM</sup> S for long periods. [Refer to Pathogen List for specific contact times.]]

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

#### [USES IN FACILITIES USED FOR TEMPORARY CONFINEMENT OF ANIMALS]

[Use a 1% solution of Virkon<sup>TM</sup> S to clean and disinfect hard, non-porous surfaces associated with facilities used for the temporary confinement of animals. Sites may include, but are not limited to, barns, sheds, stables, pens, cages, and associated access alleys or walkways. Virkon<sup>TM</sup> S may also be used to clean and disinfect equipment related to the maintenance of animals found at fairs, exhibitions, animal auction yards, animal show/boarding facilities, or other similar agricultural facilities designed for the temporary housing of animals.

To ensure that Virkon<sup>TM</sup> S does not come in direct contact with animals, feed, or water, remove animals from treatment site and either remove or cover feed and water apparatus. To ensure precise application on hard, non-porous surfaces, Virkon<sup>TM</sup> S may only be applied using handheld sprayers, sponges or other absorbent materials. Do not allow Virkon<sup>TM</sup> S to pool on surfaces that may be within reach of animals. Do not allow Virkon<sup>TM</sup> S to come into direct contact with people. Allow Virkon<sup>TM</sup> S to completely dry prior to housing animals, using equipment, or allowing people to contact treated sites.]

[REDUCED CONTACT TIME[†] (1 MINUTE) DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN CANINE PARVOVIRUS AND CANINE DISTEMPER VIRUS: [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms with a 1 minute contact time when used at the dilution rates specified below. If the [pathogen][virus]{either term may be used} is limited to the organism below, Virkon<sup>TM</sup> S may be used at the following dilution rate:

Organism	Dilution Rate	Oz./Gallon
CANINE PARVOVIRUS	1:100	1.3
CANINE DISTEMPER VIRUS	1:200 [†]	0.7

Revision Submission Date: Aug. 4, 2021

]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H –ABN] [Virkon<sup>TM</sup> E –ABN]

[DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN [PORCINE EPIDEMIC DIARRHEA VIRUS, PORCINE ROTAVIRUS, PORCINE REPRODUCTIVE & RESPIRATORY SYNDROME, AND SWINE INFLUENZA [(H1N1)]][PEDv, PRRS, PORCINE ROTAVIRUS, and SWINE INFLUENZA][†] [Virkon<sup>TM</sup> S is effective [on] [against] PEDv, PRRS, PORCINE ROTAVIRUS, and SWINE INFLUENZA at 1:600] ][†] [Virkon<sup>TM</sup> S is effective against PEDv, PRRS, PORCINE ROTAVIRUS, and SWINE INFLUENZA at a 1:600 dilution rate]][†]

[†-Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms at the dilution rates specified below. If the [pathogen][virus]{either term may be used} is limited to one of the organisms below, Virkon<sup>TM</sup> S may be used at the following dilution rates:

Organism	Dilution Rate	Oz./Gallon
PEDv virus	1:600	0.22
PRRS	1:600	0.22
PORCINE ROTAVIRUS	1:600	0.22
SWINE INFLUENZA [(H1N1)]	1:600	0.22

]

[DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN [AVIAN INFLUENZA][AI] [†] [Virkon<sup>TM</sup> S is effective [on] [against] AVIAN INFLUENZA at 1:600] [†] [Virkon<sup>TM</sup> S is effective against AVIAN INFLUENZA at a 1:600 dilution rate] [†]

[†-Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organism at the dilution rate specified below. If the [pathogen][virus]{either term may be used} is limited to one of the organism below, Virkon<sup>TM</sup> S may be used at the following dilution rate:

Organism	Dilution Rate	Oz./Gallon
AVIAN INFLUENZA	1:600	0.22

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TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[COLD TEMPERATURE[†] DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN:

[VIRKON™ S HAS BEEN PROVEN EFFECTIVE WHEN USED AT TEMPERATURES OF 5°C[†] FOR THE SPECIFIED PATHOGENS AT THE LISTED DILUTION RATES:] [†- Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at room temperature. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms at a temperature of 5°C at the dilution rates specified below. If the [pathogen][virus]{either term may be used} is limited to one of the organisms below, Virkon<sup>TM</sup> S may be used at the following dilution rates:

Organism	Dilution Rate	Oz./Gallon
[AVIAN INFLUENZA virus	1:200	0.7]
[AVIAN INFECTIOUS BRONCHITIS	1:200	0.7]
[AVIAN ADENOVIRUS Type 2	1:200	0.7]
[MAREK'S DISEASE VIRUS	1:200	0.7]
[NEWCASTLE DISEASE VIRUS	1:200	0.7]
[PEDv	1:600	0.22]
[PRRS	1:600	0.22]
[PORCINE ROTAVIRUS	1:600	0.22]
]		

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

### [REDUCED CONTACT TIME[†] DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN.

#### [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms with a 1 minute contact time at the dilution rates specified below. If the [pathogen][virus]{either term may be used} is limited to one of the organisms below, Virkon<sup>TM</sup> S may be used at the following dilution rates:

Organism	Dilution Rate	Oz./Gallon
AVIAN INFECTIOUS BRONCHITIS	1:200	0.7
[PARAINFLUENZA VIRUS TYPE 3	1:200	0.7]
PEDv	1:200	0.7

]

### [REDUCED CONTACT TIME[†] (15 SECOND) DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN:

#### [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms with a 15 second contact time, at 5°C, at the dilution rates specified below. If the [pathogen][virus]{either term may be used} is limited to one of the organisms below, Virkon<sup>TM</sup> S may be used at the following dilution rates:

Organism	Dilution Rate	Oz./Gallon
AVIAN INFLUENZA virus	1:200	0.7
NEWCASTLE DISEASE virus	1:200	0.7

1

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

# [REDUCED CONTACT TIME, COLD TEMPERATURE (5°C), AND/OR INCREASED DILUTION[†] FOR DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN:

### [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes at room temperature. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces under specific listed conditions against the following organisms below. If the [pathogen][virus]/either term may be used} is limited to one of the organisms below, Virkon<sup>TM</sup> S may be used when the corresponding conditions are also applied:

Organism	Dilution Rate	Oz. / Gallon	Contact Time	Temperature
[AVIAN ADENOVIRUS Type 2	1:200	0.7	10 min	5°C]
[AVIAN INFECTIOUS BRONCHITIS	1:200	0.7	1 min	5°C]
[AVIAN INFLUENZA virus	1:200	0.7	15 sec	5°C]
[AVIAN INFLUENZA virus	1:600	0.22	10 min	RT]
[INFECTIOUS LARYNGOTRACHEITIS VIRUS	1:200	0.7	10 min	RT]
[NEWCASTLE DISEASE VIRUS	1:200	0.7	15 sec	5°C]
[MAREK'S DISEASE VIRUS	1:200	0.7	10 min	5°C]
[PARAINFLUENZA VIRUS TYPE 3	1:200	0.7	1 min	RT]
[PCV2 (PMWS) [(Porcine Circovirus)]	1:200	0.7	10 min	RT]
[PEDv	1:200	0.7	1 min	5°C]
[PEDv	1:600	0.22	10 min	5°C]
[PRRS	1:600	0.22	10 min	5°C]
[PORCINE ROTAVIRUS	1:600	0.22	10 min	5°C]
[SWINE INFLUENZA [(H1N1)]	1:100	1.3	30 sec	RT]
[SWINE INFLUENZA [(H1N1)]	1:600	0.22	10	RT]

(RT= Room temperature= 20-22°C) ]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

# [REDUCED CONTACT TIME[†] (30 SECOND) DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN SWINE INFLUENZA [ [ ( ] H1N1[ )]:

### [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms with a 30 second contact time when used at a dilution of 1:100. If the [pathogen][virus]{either term may be used} is limited to the organism below, Virkon<sup>TM</sup> S may be used at the following dilution rate:

Organism	Dilution Rate	Oz./Gallon	
SWINE INFLUENZA [(H1N1)]	1:100	1.3	]

[Measuring cup provided.] [1 Scoop = [1.3 ounces][8tsp]]

[[1 measuring cup = 1 scoop = ][1.3 oz][=][8 tsp]]

# [REDUCED CONTACT TIME[†] (1 MINUTE) DISINFECTION LIMITED TO SPECIFIC AND KNOWN PATHOGEN SARS-CoV-2:

### [† - Not approved for this use in California]

The instructions above call for use of a 1% solution for general disinfection at a contact time of 10 minutes. However, Virkon<sup>TM</sup> S is an effective disinfectant for hard, non-porous surfaces against the following organisms with a 1 minute contact time when used at a dilution of 1:100. If the [pathogen][virus]{either term may be used} is limited to the organism below, Virkon<sup>TM</sup> S may be used at the following dilution rate:

Organism	Dilution Rate	Oz./Gallon	
SARS-CoV-2	1:100	1.3	]

[Measuring cup provided.] [1 Scoop = [1.3 ounces][8tsp]]

[[1 measuring cup = 1 scoop = ][1.3 oz][=][8 tsp]]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

# {Optional equipment instructions: Hydrofoamer 481 dilution and detailed user information for use with Virkon<sup>TM</sup>S}

[Using the Hydrofoamer 481 (96oz.)[†] – How to Make a Concentrated Stock Solution 10lb Pail of Virkon<sup>TM</sup> S =160 oz. [(†-Not approved for this use in California)] (note to reviewer chart may appear as is or only showing 1:100 or 1:600 column.)

Dilution Factor (DF)	Hydrofoamer Tip Color	1:100 Dilution Rate (1.3 oz./gal)	1:600 Dilution Rate <sup>1</sup> (0.22 oz./gal)
Calculation	oz. = 1.3oz x DF x Volume of sprayer in gallons # of scoops = oz. Virkon <sup>TM</sup> S / 1.3 oz.		oz. = 0.22oz. x DF x Volume of sprayer in gallons # of scoops =oz. Virkon <sup>TM</sup> S / 1.3 oz.
12:1	No Tip	11.7 oz Virkon <sup>TM</sup> S 9 scoops of Virkon <sup>TM</sup> S	1.98 oz Virkon <sup>TM</sup> S 1.5 scoops of Virkon <sup>TM</sup> S
14:1	White	13.65 oz Virkon <sup>TM</sup> S 10.5 scoops of Virkon <sup>TM</sup> S	2.31 oz Virkon <sup>TM</sup> S 1.8 scoops of Virkon <sup>TM</sup> S
16:1	Blue	15.6 oz Virkon <sup>TM</sup> S 12 scoops Virkon <sup>TM</sup> S	2.64 oz Virkon <sup>TM</sup> S 2 scoops Virkon <sup>TM</sup> S
18:1	Tan	N/A	2.97 oz Virkon <sup>TM</sup> S 2.3 scoops Virkon <sup>TM</sup> S
32:1	Orange	N/A	5.28 oz Virkon <sup>TM</sup> S 4 scoops Virkon <sup>TM</sup> S
64:1	Purple	N/A	10.56 oz Virkon™ S 8.1 scoops Virkon™ S

[A Virkon<sup>TM</sup> S solution would be highly concentrated at DF ratios above 16:1 for 1:100 dilution rate (not fully soluble), denoted as N/A.]

[(¹The 1:600 dilution is only approved for viruses of Avian Influenza Virus, Porcine Epidemic Diarrhea virus, Porcine Reproductive and Respiratory Syndrome, Porcine Rotavirus, and Swine Influenza virus [(H1N1)]. Please consult product label and use directions for 1:600 dilution for specified and known organisms)]

[Convert your Hydrofoamer from ounces to gallons

32 oz = 0.25 gallon 96 oz = 0.75 gallon

64 oz = 0.5 gallon 128 oz = 1 gallon

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]



{optional picture of equipment may appear color or b&w)}

{Optional equipment instructions: How to make a 1:100 or 1:600 ready to use solution}{inuse solution}(note to reviewer chart may appear as is or only showing 1:100 or 1:600 column.)

[

How to make a Virkon<sup>TM</sup> S solution

Volume (gallon)	1:100 Dilution Rate (1.3 oz./gal)	1:600 Dilution Rate <sup>1†</sup> (0.22 oz./gal)
	Volume x $1.3 = $ oz. Virkon <sup>TM</sup> S	Volume x $0.22 = $ oz. Virkon <sup>TM</sup> S
1	1.3 oz.	0.22 oz
5	6.5 oz.	1.1 oz.
10	13.0 oz.	2.2 oz.
50	65.0 oz.	11.0 oz.

(†-Not approved for this use in California)]

[(¹-Not all pathogens are approved for 1:600 dilution. Please consult product label and use directions for 1:600 dilution for specified and known organisms)]

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TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

#### **PESTICIDE STORAGE:**

For pails, [jugs], [bottles]: Store in a cool dry place in tightly closed container. Keep out of reach of children. Always replace lid after use. [Retain desiccant canister with product during storage.] Do not mix this product with other chemicals.

For [sachet] [pouch] [packet] [bag]: Store in a cool dry place. Keep out of reach of children. [Retain desiccant canister with product during storage.] Do not mix this product with other chemicals.

[For spray bottle with in-use solution: Store in a cool dry place. Keep out of reach of children. Do not mix this product with other chemicals.]

**PESTICIDE DISPOSAL:** Pesticide wastes may be hazardous. [Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.]<sup>{1}</sup> [-refer to product [leaflet] [insert] [booklet] [label] for pesticide disposal instructions]

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. [Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment.] [Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.] [-refer to product [leaflet] [insert] [booklet] [label] for container disposal instructions]

 $\{^1$ Note to reviewer: When the size of container prohibits fitting full statement on the container, the text in brackets denoted in  $[\dots]^1$ above will be replaced with the below statement in red:

[-refer to product [leaflet] [insert] [booklet] [label] for pesticide disposal instructions]

Please note this will only occur when the full statement (denoted in [...]<sup>1</sup>) instead appears on additional labeling accompanying or included with each container of product.}

 $\{^2Note\ to\ reviewer\colon When\ the\ size\ of\ container\ prohibits\ fitting\ full\ statement\ on\ the\ container,\ the\ text\ in\ brackets\ denoted\ in\ [...\ ]^2above\ will\ be\ replaced\ with\ the\ below\ statement\ in\ red:$ 

[-refer to product [leaflet] [insert] [booklet] [label] for pesticide disposal instructions]

Please note this will only occur when the full statement (denoted in  $[...]^2$ ) instead appears on additional labeling accompanying or included with each container of product.}

Revision Submission Date: Aug. 4, 2021

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

{Optional company logos and slogans-may appear in color, black only, or grey scale}









{Optional slogan/text to follow logos above:} [Shaping the Future of Biosecurity]

{Optional Product Specific Branding/Marketing Logos- may appear in color, black only, or grey scale}

[>Virkon<sup>™</sup> S<sub>][</sub>>Virkon<sup>™</sup> S<sub>][</sub>>Virkon<sup>™</sup> S<sub>]</sub>

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H –ABN] [Virkon<sup>TM</sup> E –ABN]















{←These brand logos are specific to the tablet

form of the product only and will only appear on the appropriate form's labeling}















TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

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[Virkon<sup>TM</sup> Professional –ABN]











]{Optional tablet picture to be used on insert/leaflet for tablet form only}

## **{Additional Marketing Claims}**

[New Name New Look Same Reliable Formulation]

[New Name New Look Same Trusted Formulation]

[New Look Same [Trusted][Reliable] Formulation]

[Will not harm most surfaces upon incidental contact]

[Will not harm most hard non-porous surfaces]

[Compatible with most surfaces upon incidental contact]

[Compatible with most hard non-porous surfaces]

[Non-damaging to most surfaces upon incidental contact]

[Non-damaging to most hard non-porous surfaces]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

{The following text will only appear on or in reference to specific products formulated in the US (at an EPA Registered Establishment, located in the USA) where at least 85% of the product's content is of domestic origin or processing}

[85% US Content Made in USA of US & Imported Materials]

85% US Content

Made in USA

of US & Imported

Materials

[Destroys bacteria, fungi, viruses\* on hard non-porous surfaces found in facilities for [swine], [poultry], [dairy], [and][equine]]

[Destroys bacteria, fungi, viruses\* on hard non-porous surfaces found in [swine] [poultry], [dairy], [equine], [animal] holding facilities.]

[Destroys bacteria, fungi, viruses\* on hard non-porous surfaces found in [shelters] and/or [vet] [clinics] [practices]]

[[Poultry facility] [Ratite facility] [Swine facility] [Companion Animal facility] disinfectant][For Barriers, End of production cycle and daily use]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

## {Optional Animal Health Marketing language related to "For Use in Emergency Disease Control related to Animal Health"}

[For Use in Emergency Disease Control [in] [related to] Swine [Production\*]]

[For Use in Emergency Disease Control [in] [related to] Poultry [Production\*]]

[For Use in Emergency Disease Control [in] [related to] Turkey [Production\*]]

[For Use in Emergency Disease Control [in] [related to] Equine [Production\*]]

[For Use in Emergency Disease Control [in] [related to] Bovine [Production\*]]

[For Use in Emergency Disease Response [in][related to] Swine [Production\*]]

[For Use in Emergency Disease Response [in] [related to] Poultry [Production\*]]

[For Use in Emergency Disease Response [in] [related to] Turkey [Production\*]]

[For Use in Emergency Disease Response [in] [related to] Equine [Production\*]]

[For Use in Emergency Disease Response [in] [related to] Bovine [Production\*]]

[For Use in Emergency Disease Preparedness Response [in][related to] Swine [Production\*]]

[For Use in Emergency Disease Preparedness Response [in] [related to] Poultry [Production\*]]

[For Use in Emergency Disease Preparedness Response [in] [related to] Turkey [Production\*]]

[For Use in Emergency Disease Preparedness Response [in] [related to] Equine [Production\*]]

[For Use in Emergency Disease Preparedness Response [in] [related to] Bovine [Production\*]]

[\*- Treatment of product is limited to hard, non-porous surfaces] {alternatively} [\*-Disinfection of hard, non-porous surfaces]

{note to reviewer: Qualifier above after \* shall be included when text includes the term "production" with this use pattern} {turkey= RATITE }

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon $^{TM}$  S Disinfectant and Virucide\* – ABN] [Virkon $^{TM}$  Aquatic Disinfectant and Virucide\* – ABN] [trifectant $^{TM}$  Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

{note to reviewer: text designated in claims below with \* may appear as a qualifier in product literature and marketing. }

[For Veterinary [Office] Use[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Aquaculture Use[\*]][on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Barn Use[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Farm Use[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use in Mold and Remediation [and Restoration]]

[For Use in Transportation[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use in Aviation[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use in Truck Washing[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use in Agriculture Premises[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use in Greenhouses[\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use In: [Agricultural farms & barns], [Agricultural & livestock buildings], [Barn & Farm Premise facilities], [Breeding facilities], [Foot baths & Wash stalls], [Pens & Stalls] [\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[For Use On: [Animal crates, Grooming equipment, Non porous harnesses & leashes], [Automatic feeders], [Brushes, Buckets, Carts, Tables & Feed racks], [Troughs, Gates & Handling equipment], [Gathering guiding/controlling equipment & non porous fencing],

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

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[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[Trailers, Transportation crates, Trucks, & Vehicles] [\*]] [on hard, non-porous surfaces] {alternatively} [\*-hard, non-porous surfaces]

[Virkon™ Professional: For [Routine] [Daily] Disinfection]

[Virkon<sup>™</sup> Professional: [Routine][Daily] Disinfection for Veterinary Clinics & Companion Animal facilities] [Equine facilities] [Equestrian Facilities]

[Virkon™ Professional: [Equine] [Equestrian] Facility Disinfectant]

[Veterinary Clinic Disinfectant]

[[Concentrate powder formulation:] [Ideal for daily use on large surfaces (floors, cages and kennels)]].

[[Tablet formulation: provides an easy, convenient and effective way to disinfect your surfaces.][Ideal for daily use on small to large surfaces.]]

[Virkon™ Professional can be used to disinfect exam tables, stethoscopes, reception areas, procedural rooms, cages & kennels.]

[Animal Premise Disinfectant]

[Parvocidal] {Note to reviewer: this qualifier leads to any of the following parvoviruses claimed on label: Canine Parvovirus, Feline Parvovirus, Mouse Parvovirus and Porcine Parvovirus}

[Effective [shelter] [and] [or] [vet] [clinic][s] [practice][s] disinfectant]

[[Step-saving], [Labor-saving], [Time-saving], [Cost-saving] formula]

[Versatile, Fast-acting, Convenient formula]

[[Effective] Farmyard disinfectant][A disinfectant cleaner that] cleans, disinfects and deodorizes in one labor saving step] [[(when used according to disinfection use directions)] {alternatively} [One step cleaner/disinfectant^ - when used according to disinfection use directions] {text with ^ may appear later on in label but on same panel}

[Farm Animal Care]

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[Suitable for everyday use]

[Contains no VOC-emitting ingredients]

[Users are not exposed to VOC's (volatile organic compounds) that may cause workplace asthma.]

[Virkon<sup>TM</sup> Professional: Companion Animal Facility Disinfectant]

[Performs in the laboratory. Performs on the Farm.]

[Effective against [Salmonella enterica [(including subsp enterica servovar Reading)]] [Salmonella typhimurium] [Campylobacter jejuni] [Escherichia coli] [Listeria monocytogenes] [Clostridium perfringens] [and] [Staphylococcus aureus]]

[Effective boot bath disinfectant]

[Independently proven broad spectrum efficacy]

[No need for rotation]

[No need for a rotational program]

[Easy to transport and store]

[Easy to dilute into a ready to use solution]

[Safe to use on floors, equipment, cages and kennels, when used as directed]

[Cleans [mineral deposits associated with] hard water scale]

[Cleans stains from algae]

[Cleans hard water stains]

[Cleans mineral deposits]

[Cleans, deodorizes and removes soils]

[Cleans, disinfects and deodorizes]

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[Virkon<sup>TM</sup> Professional –ABN]

[Clean and disinfect in one easy step ][(when used according to disinfection use directions)] {alternatively} [One step cleaner/disinfectant^ - when used according to disinfection use directions] {text with ^ may appear later on in label but on same panel}

[Dual action formulation providing broad spectrum activity against; viruses\*, bacteria and fungi]

[Glutaraldehyde free] [No Glutaraldehydes]

[Phenol free] [No phenols]

[Quaternary Ammonium Compound Free] [No Quaternary Ammonium Compounds]

[Removes [lipids] [fats] and/or [proteins]]

{Pathogen/condition specific marketing claims:}

{Note to reviewer: the specification of "hard, non-porous surfaces" may appear in marketing literature directly in line with full text as shown or as a qualifier at the end of the document}

[Effective at a reduced contact time[†] of 1 minute against Canine Parvovirus[\*] [\*-]on hard, non-porous surfaces] [†-Not Approved for this use in California]

[Virkon™ S [at a 1:100 dilution rate] is effective at a reduced contact time[†], 1 minute, against Canine Parvovirus[\*] [\*-]on hard, non-porous surfaces] [†Not Approved for this use in California]

[Virkon<sup>TM</sup> S [at a 1:100 dilution rate] kills Canine Parvovirus in just 1 minute [\*] [\*-]on hard, non-porous surfaces!][†] [†Not Approved for this use in California]

[Effective against Canine Parvovirus in just 1 minute!\* {qualifier to appear at end of document} \*-on hard, non-porous surfaces.] [†] [†Not Approved for this use in California]

[Effective against Canine Distemper virus in just 1 minute!\* {qualifier to appear at end of document} \*-on hard, non-porous surfaces.] [†] [†Not Approved for this use in California]

[Effective at a reduced contact time[†] of 1 minute against Canine Distemper virus[\*] [\*-]on hard, non-porous surfaces] [†-Not Approved for this use in California]

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[Virkon™ S [at a 1:200 dilution rate] is effective at a reduced contact time[†], 1 minute, against Canine Distemper virus[\*] [\*-]on hard, non-porous surfaces] [†Not Approved for this use in California]

[Effective at a 1 minute contact time[†]against [companion animal pathogens of] Canine Parvovirus and Canine Distemper virus[\*] [\*-]on hard, non-porous surfaces][†Not approved for this use in California]

[Effective at a reduced contact time[†] of 1 minute against PARAINFLUENZA VIRUS TYPE 3[\*] [\*-] on hard, non-porous surfaces] [†-Not Approved for this use in California]

[Virkon™ S [at a 1:200 dilution rate] is effective at a reduced contact time[†], 1 minute, against PARAINFLUENZA VIRUS TYPE 3[\*] [\*-] on hard, non-porous surfaces] [†Not Approved for this use in California]

[Virkon™ S [at a 1:200 dilution rate] kills PARAINFLUENZA VIRUS TYPE 3 on hard, non-porous surfaces in just 1 minute!][†] [†Not Approved for this use in California]

[Effective against PARAINFLUENZA VIRUS TYPE 3 in just 1 minute!\* {qualifier to appear at end of document} \*-on hard, non-porous surfaces.] [†] [†Not Approved for this use in California]

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[Virkon<sup>TM</sup> H –ABN] [Virkon<sup>TM</sup> E –ABN]

{Optional Marketing claims related to use at 1:600 dilution, reduced contact time, and/or cold temperatures of 5°C (note to reviewer in all statements the use of 'poultry' or 'swine' in the brackets above shall not appear without at least one of the specific pathogens listed.)}

[Effective on hard, non-porous surfaces at cold temperature<sup>†</sup>, 5°C, against known [poultry] [swine] pathogen[s] of [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

[Virkon™ S at a 1:200 dilution rate is effective on hard, non-porous surfaces against AVIAN INFLUENZA virus in just 15 seconds!] [†-Not Approved for this use in California]

[Virkon™ S kills AVIAN INFLUENZA virus on hard, non-porous surfaces [at a 1:200 dilution rate] in just 15 seconds!] [†-Not Approved for this use in California]

[15 second [foot bath] disinfection against AVIAN INFLUENZA! [†-Not Approved for this use in California]]

[Effective on hard, non-porous surfaces at reduced contact time<sup>†</sup> of 1 minute against known [poultry] [swine] pathogen[s] of [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [NEWCASTLE DISEASE VIRUS] [PARAINFLUENZA VIRUS TYPE 3] [and] [PEDv] [†-Not Approved for this use in California]

[Effective on hard, non-porous surfaces at 1:600 dilution<sup>†</sup> against known [poultry] [swine] pathogen[s] of [AVIAN INFLUENZA virus] [PEDv] [PRRS][Porcine rotavirus] [and] [SWINE INFLUENZA]] [<sup>†</sup>Not Approved for this use in California]

[Virkon™ S is effective on hard, non-porous surfaces at cold temperature[s]<sup>†</sup>, 5°C, against [[poultry] [swine] pathogen[s]]: [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

Revision Submission Date: Aug. 4, 2021

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[Virkon<sup>TM</sup> Professional –ABN]

 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 

[Virkon™ S is effective on hard, non-porous surfaces at reduced contact time[s]<sup>†</sup>, 1 minute, against [[poultry] [swine] pathogen[s]]: [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [NEWCASTLE DISEASE VIRUS] [PARAINFLUENZA VIRUS TYPE 3] [and] [PEDv] [<sup>†</sup>Not Approved for this use in California]

[Virkon<sup>TM</sup> S is effective on hard, non-porous surfaces at a 1:600 dilution<sup>†</sup> against [[poultry] [swine] pathogen[s]]: [AVIAN INFLUENZA virus] [PEDv] [PRRS][Porcine rotavirus] [and] [SWINE INFLUENZA]] [<sup>†</sup>-Not Approved for this use in California]

[Virkon™ S can be used on hard, non-porous surfaces at 5°C<sup>†</sup> against [[poultry] [swine] pathogen[s]]: [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

[Virkon™ S can be used on hard, non-porous surfaces with a contact time† of 1 minute against [[poultry] [swine] pathogen[s]]: [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [NEWCASTLE DISEASE VIRUS] [PARAINFLUENZA VIRUS TYPE 3] [and] [PEDv] [+†-Not Approved for this use in California]

[Virkon<sup>TM</sup> S can be used on hard, non-porous surfaces at a 1:600 dilution<sup>†</sup> against [[poultry] [swine] [pathogen[s]]: [AVIAN INFLUENZA virus] [PEDv] [PRRS][Porcine rotavirus] [and] [SWINE INFLUENZA[H1N1]]] [<sup>†</sup>-Not Approved for this use in California]

[1:600 dilution = 1 scoop [(1.3oz)] of Virkon<sup>TM</sup> S to 6 gallons of water]

[1:600 dilution = 1.3oz of Virkon<sup>TM</sup> S to 6 gallons of water]

[Cold temperature disinfectant[ion]\*[†], 5°C, [against] [for] [[poultry] [swine] pathogen[s]]: [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus] {qualifier:} \*- [for][of] hard, non-porous surfaces] [†-Not Approved for this use in California]

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[Cold weather disinfectant\*<sup>[†]</sup>, 5°C, [against] [for] [[poultry] [swine] pathogen[s]]: [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus] {qualifier:} \*- [for][of] hard, non-porous surfaces] [†-Not Approved for this use in California]

[Effective on hard, non-porous surfaces in low temperatures<sup>†</sup>, 5°C, against [[poultry] [swine] pathogen[s]]: [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine Rotavirus] [†-Not Approved for this use in California]

[Virkon™ S - proven effective on hard, non-porous surfaces in cold temperatures<sup>†</sup>, 5°C against [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

[Proven efficacy on hard, non-porous surfaces in cold winter temperatures<sup>†</sup>, 5°C, against [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

[Effective low-temperature performance<sup>†</sup>, 5°C, on hard, non-porous surfaces, against [AVIAN ADENOVIRUS Type 2] [AVIAN INFECTIOUS BRONCHITIS] [AVIAN INFLUENZA virus] [MAREK'S DISEASE VIRUS] [NEWCASTLE DISEASE VIRUS] [PEDv] [PRRS][and] [Porcine rotavirus]] [†-Not Approved for this use in California]

[Effective at a reduced contact time[†] of 1 minute against SARS-CoV-2[formerly called SARS-nCoV] on hard, non-porous surfaces ][†-Not Approved for this use in California]

[Virkon<sup>TM</sup> S is effective at a reduced contact time [†], 1 minute, against SARS-CoV-2 [formerly called SARS-nCoV] on hard, non-porous surfaces ][†Not Approved for this use in California]

[Virkon™ S kills SARS-CoV-2 [COVID 19 virus] on hard, non-porous surfaces in 1 minute][†] [†Not Approved for this use in California]

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[Virkon<sup>TM</sup> Professional –ABN]

[Effective against SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [in 1 minute] on hard, non-porous surface] [†] [†Not Approved for this use in California]

[Kills [Eliminates 99.9%] SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [causative agent of COVID-19][the virus that causes COVID-19] in 1 minute on hard, non-porous surface [†]] [†Not Approved for this use in California]

[Effective against SARS-CoV-2 (COVID 19 virus) in 1 minute on hard, non-porous surface][†] [†Not Approved for this use in California]

[Kills SARS-CoV-2 [COVID 19 virus] on hard non-porous surfaces in 1 minute] [†] [†Not Approved for this use in California]

[Effective at a reduced contact time[†] of 30 seconds against [SWINE INFLUENZA A VIRUS][[ ( ] H1N1[ )] ] [†-Not Approved for this use in California]

[Virkon<sup>™</sup> S at a 1:100 dilution rate is effective against SWINE INFLUENZA A VIRUS[ [ ( ] H1N1[ )] ] in just 30 seconds!] [†-Not Approved for this use in California]

[Virkon<sup>™</sup> S kills SWINE INFLUENZA A VIRUS[ [ ( ] H1N1[ )] ] [at a 1:100 dilution rate] virus in just 30 seconds!] [†-Not Approved for this use in California]

[Virkon™ S is effective at a reduced contact time [†], 30 seconds, against [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] ] ][†Not Approved for this use in California]

[Virkon™ S kills [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [virus] on hard, non-porous surfaces in 30 seconds] [†] [†Not Approved for this use in California]

[Effective against [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [in 30 seconds]] [†] [†Not Approved for this use in California]

[Kills [Eliminates 99.9%] [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] in 30 seconds on hard, non-porous surface [†] ] [†Not Approved for this use in California]

[Effective against [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] in 30 seconds] [†] [†Not Approved for this use in California]

Revision Submission Date: Aug. 4, 2021

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[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

[Kills [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [virus] on hard, non-porous surfaces in 30 seconds] [†] [†Not Approved for this use in California]

[Virkon™ S is effective at a 1:600 dilution[†] and 10 minute contact time against pathogen: [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] ] ] [†-Not Approved for this use in California]

[Effective at a 1:600 dilution[†] and 10 minute contact time against [SWINE INFLUENZA A VIRUS][ [( ] H1N1[)] ] [†Not Approved for this use in California]

[Virkon™ S kills [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [virus] on hard non-porous surfaces at a 1:600 dilution rate with a 10 minute contact time] [†] [†Not Approved for this use in California]

[Effective against [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [at a 1:600 dilution rate with a 10 minute contact time]] [†] [†Not Approved for this use in California]

[Kills [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] [virus] on hard non-porous surfaces at a 1:600 dilution rate with a 10 minute contact time] [†] [†Not Approved for this use in California]

[Kills [Eliminates 99.9%] [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] at a 1:600 dilution rate with a 10 minute contact time on hard, non-porous surfaces] [†] [†Not Approved for this use in California]

[Virkon™ S can be used on hard, non-porous surfaces at a 1:600 dilution[†] and 10 minute contact time against [SWINE INFLUENZA A VIRUS][ [ ( ] H1N1[ )] ] [†-Not Approved for this use in California]

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[Virkon<sup>TM</sup> Professional –ABN]

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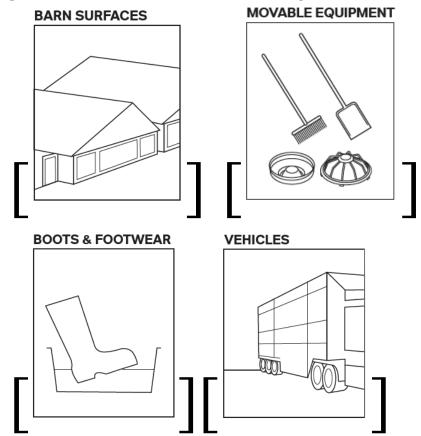
### [Surface Area Coverage Comparison:

[One 10lb pail of Virkon<sup>TM</sup> S Disinfectant and Virucide\* will provide enough in-use solution to disinfect 99,630 ft<sup>2</sup> of surface area for [PEDv][AI][PRRS][Porcine Rotavirus][or][Swine Influenza] at a dilution rate of 1:600.]

[Number of gallons: in-use dilution (1:600) = 738 gallons]]

#### {Optional pictograms and text for marketing pamphlets}

[Virkon<sup>TM</sup> S in-use solutions can be used for:]



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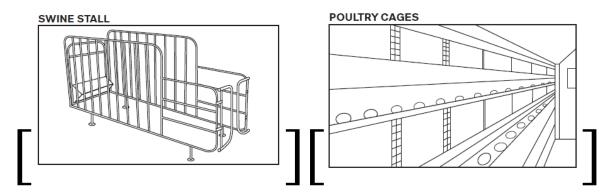
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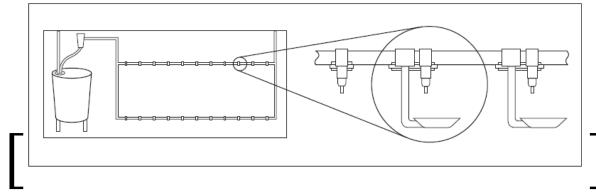
[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

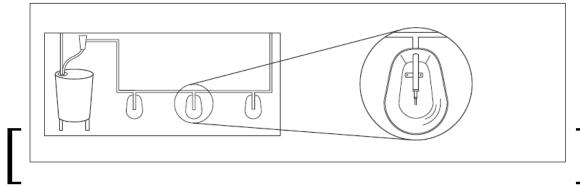
 $\begin{aligned} & [Virkon^{TM} \ H - \! ABN] \\ & [Virkon^{TM} \ E - \! ABN] \end{aligned}$ 



#### POULTRY WATER SYSTEM



#### SWINE WATER SYSTEM



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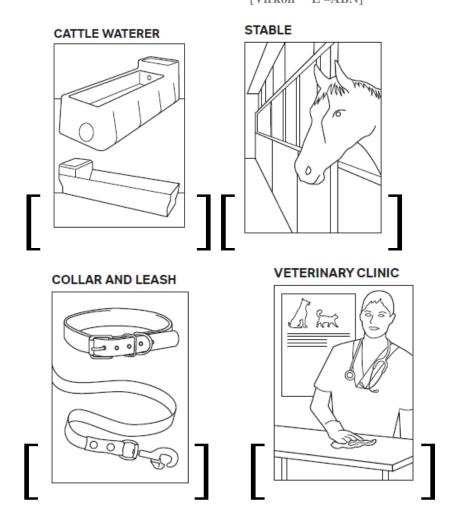
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 $[Virkon^{\rm TM}\ Professional\ -ABN]$ 

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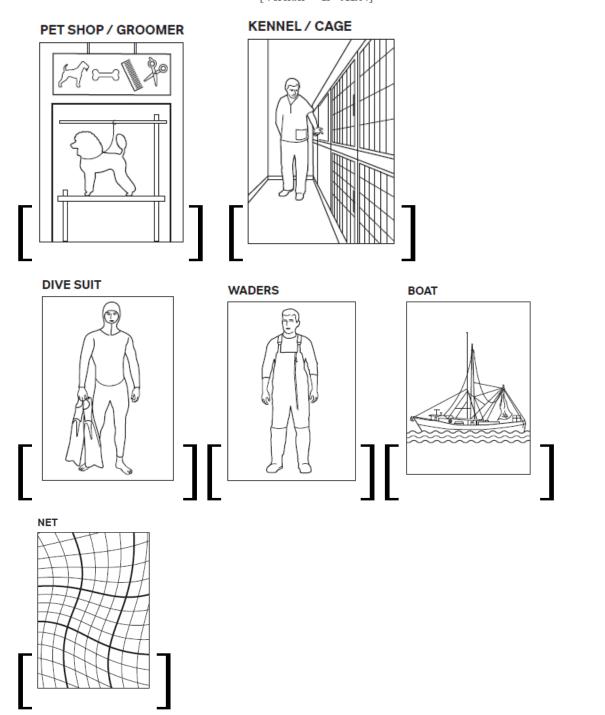
 $[Virkon^{TM}\ Aquatic\ Disinfectant\ and\ Virucide^*-ABN]\\ [trifectant^{TM}\ Broad\ Spectrum\ Disinfectant-ABN]$ 

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN]

 $[Virkon^{\rm TM} \ E \ -ABN]$ 



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Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

[Virkon<sup>TM</sup> H -ABN] [Virkon<sup>TM</sup> E -ABN]

# {Optional pictograms and text for containers and literature regarding product discount/sale language:}



[May appear in color or black and white]

{note to reviewer: product brand may appear in the below slogans corresponding to any of the ABNs approved by EPA for this registration. Virkon $^{\text{TM}}$  S is used as the example language and the product most likely to appear associated with this marketing text. All language is optional for use and does not impact dilution instructions or change net contents of packaging}

[For a Limited Time, You Will Receive 10% Product Free on Your Order of Virkon™ S [10 kg] [22 lb.] Pails.]

[For a Limited Time, You Can Receive 10% Free Product on Your Order of Virkon<sup>TM</sup> S [10 kg] [22 lb.] Pails.]

[10% Free Product! For a Limited Time on Your Order of Virkon™ S [10 kg] [22 lb.] Pails.]

[For a Limited Time, 10% Free Product on Your Virkon<sup>TM</sup> S [10 kg ][22 lb.] Pail Order!]

[10% Free Product on Your Virkon<sup>TM</sup> S[ 10 kg] [22 lb.] Pail Order!]

[10% Product Free on Your Order of Virkon<sup>TM</sup> S [10 kg] [22 lb.] Pails!]

[For a Limited Time, You Will Receive 10% Product Free [on Your Order [of Pails]]]

[For a Limited Time, You Can Receive 10% Free Product [on Your Order [of Pails]]]

[For a Limited Time, 10% Free Product [on Your [Pail]order!]]

[10% Free Product [on Your [Pail] Order][!]]

[10% Product Free [on Your Order]]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

#### **Emerging Pathogen Language- OFF label marketing**

[This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

- -Enveloped Viruses
- -Large non-enveloped viruses
- -Small non-enveloped viruses

For an emerging viral	follow directions for use for the following organisms on
pathogen that is a/an	the label:
	Feline Calicivirus (ATCC VR-782)
Enveloped Virus	Canine Parvovirus (Cornell-780916-80 strain)
Large, non-enveloped	Feline Calicivirus (ATCC VR-782)
virus	Canine Parvovirus (Cornell-780916-80 strain)
Small, non-enveloped	Feline Calicivirus (ATCC VR-782)
virus	Canine Parvovirus (Cornell-780916-80 strain)

[Virkon<sup>TM</sup> S has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, Virkon<sup>TM</sup> S can be used against [name of emerging virus] when used in accordance with the directions for use against Feline Calicivirus and Canine Parvovirus on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.]

[[Name of illness/outbreak] is caused by [name of emerging virus]. Virkon<sup>TM</sup> S kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Feline Calicivirus and Canine Parvovirus on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.]

TEXT IN {BRACES} ARE COMMENTS TO REVIEWER

Alternate Brand Names: [Virkon<sup>TM</sup> S Disinfectant and Virucide\* – ABN]

[Virkon<sup>TM</sup> Aquatic Disinfectant and Virucide\* – ABN] [trifectant<sup>TM</sup> Broad Spectrum Disinfectant – ABN]

[Virkon<sup>TM</sup> VC Disinfectant and Virucide\* for Veterinary--ABN]

[Virkon<sup>TM</sup> Professional –ABN]

#### {Mock-up of text for secondary container labels}

*In use dilution of:* 

Virkon<sup>TM</sup> S

**ACTIVE INGREDIENTS:** 

Potassium peroxymonosulfate 21.41%
Sodium Chloride 1.50%
OTHER INGREDIENTS 77.09%

TOTAL 100.00%

### NOT FOR RETAIL [SALE] or RESALE

See original container label for use directions and additional precautionary statements

CONTAINS	DILUTION:
	1:50 (2%)
	1:100 (1%)
	1:200 (0.5%)[††]

Date of preparation:

# KEEP OUT OF REACH OF CHILDREN **DANGER/PELIGRO**

Batch # of concentrate:

Solutions are stable for 7 days.

#### FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for further treatment advice.

If Swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

[HOT LINE NUMBER] For 24-hour emergency information on this product, call 866-673-6350. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

[Store in a cool dry place. Do not mix this product with other chemicals.]

The product in this container is diluted as directed on the pesticide product label.

Follow the directions for use on the pesticide label when applying this product.

EPA REG. NO.: 39967-137

[†† The 0.5% solution currently is not approved for use in California.]

{Optional area for applicator information}

[[Applicator][User] Name:]

[[Applicator][User] Address:]

[[Applicator][User] Phone Number:]

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