

71654-7

10/19/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OCT 19 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Susan M. Schaner  
Regulatory Coordinator  
E.I. du Pont de Nemours and Company  
DuPont Chemicals & Fluoroproducts  
P.O. Box 80402 (E403-3224D)  
Wilmington, DE 19880-0402

Subject: **Virkon**  
EPA Registration No. 71654-7  
Application Date: October 07, 2010  
Receipt Date: October 12, 2010

Dear Ms. Schaner:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c) 9.

**Proposed Notification:**

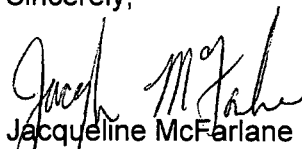
- Adding "Pesticide Disposal" instructions
- Adding "Do not contaminate water, food, or feed by storage and disposal." statement.

**General Comment:**

Based on a review of the materials submitted, your notification to modify the storage and disposal statements as referenced above is acceptable.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at [Campbell-mcfarlane.Jacqueline@epa.gov](mailto:Campbell-mcfarlane.Jacqueline@epa.gov) or Glen McLeod by telephone at (703) 347-0181 or by e-mail at [mcleod.glen@epa.gov](mailto:mcleod.glen@epa.gov) during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

  
Jacqueline McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other: Notification

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number <b>71654-7</b>	2. EPA Product Manager <b>Jacqueline McFarlane (acting)</b>	3. Proposed Classification  <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Virkon</b>	PM# <b>Team 34</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>E. I. du Pont de Nemours and Company          DuPont Chemicals &amp; Fluoroproducts          P.O. Box 80402 (E403-3224D)          Wilmington, DE 19880-0402          Attn: Susan M. Schaner</b>	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____	

Check if this is a new address

### Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

"Notification of master label upgrade per PR Notice 98-10"

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formulas for the product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt.    No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* <b>Certification must be submitted</b>					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>Susan M. Schaner</b>	Title <b>Regulatory Coordinator</b>	Telephone No. (Include Area Code) <b>(302) 695-2328</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Regulatory Coordinator</b>	_____ _____ _____
4. Typed Name <b>Susan M. Schaner</b>	5. Date <b>6-Oct-2010</b>	



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Note: [Bracketed information is optional text]

[Virkon logo]  
**Virkon®**  
**Broad Spectrum Disinfectant**

**[Hospital Disinfectant]**

[FOR USE IN: Cleaning and disinfecting hard non-porous surfaces in institutional, commercial, residential and public service facilities including hospitals and nursing homes; field medical units, medical and dental offices; clinics and other health-care facilities; Emergency Medical Services (EMS) facilities, equipment and gear including respirators; laboratories; food processing plants, equipment and warehouses; food service and preparation areas including commercial and institutional kitchens, restaurants and cafeterias; restrooms and portable restrooms; retail stores including supermarkets, florists, barbers, and beauty salons; factories; schools and daycare centers; hotels; offices; correctional facilities; funeral parlors and mortuaries; gymnasiums, stadiums and health spas; transportation terminals and vehicles including ships, automobiles, trucks, trains, and homes and residences.]

[EFFECTIVE AGAINST A WIDE RANGE OF VIRUSES\*, BACTERIA AND FUNGI:

\* Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus), Influenza A Virus, Respiratory Syncytial Virus (RSV), Norovirus (Norwalk-like Viruses), Avian Influenza Virus, [Pandemic 2009 H1N1 influenza A virus].

Bacillus cereus, Campylobacter jejuni, Chlamydia psittaci, Clostridium perfringens, Listeria monocytogenes, Shigella sonnei, Streptococcus pyogenes, Helicobacter pylori, Klebsiella pneumoniae, Escherichia coli O157:H7, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, Methicillin-Resistant Staphylococcus aureus (MRSA), Vancomycin-Resistant Enterococcus faecalis, (VRE), Candida albicans, and Trichophyton mentagrophytes]

[Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. Virkon® [Product Name] is a broad-spectrum hard surface disinfectant that has been shown to be effective against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).]

[This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.]

[This product has demonstrated effectiveness against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).]

[Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).]

[Kills Pandemic 2009 H1N1 influenza A virus.]

ACTIVE INGREDIENTS	
Potassium peroxymonosulfate	21.41%
Sodium chloride	1.50%
INERT INGREDIENTS	<u>77.09%</u>
TOTAL	100.00%

**NOTIFICATION**  
 Date Reviewed: 10/11/12  
 Reviewed By: S. M. [Signature]

[Equivalent to 9.75% Available Chlorine]

Front Panel Continued

KEEP OUT OF REACH OF CHILDREN

**DANGER / PELIGRO**

See [Back Panel] [Box] for Additional Precautions

[See product insert for Directions for Use]

[POWDER FORM]

[TABLET FORM]

**FIRST AID****Have the product container or label with you when calling a poison control center or doctor, or going for treatment.****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:**

- ! 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.

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

Net Contents: [0.18 oz. (5 grams), 0.35 oz. (10 grams), 1.44 oz. (40 grams), 1.75 oz. (50 grams), 1.1 lbs. (500 grams), 11 lbs. (5 kilograms)] [ See individual product]

[When dissolved in lukewarm water forms a [16 oz] [32 oz] [1 gallon] [5 quarts][13 gallons][132 gallons] 1% solution]

A 1% solution is stable as a broad spectrum disinfectant for 7 days.

[Use one 5 gram tablet in 16 oz of water to make a 1% solution]

[Use two 5 gram tablets in 32 oz of water to make a 1% solution]

[Use one 40 gram tablet in 1 gallon of water to make a 1% solution]

Manufactured for  
E. I. du Pont de Nemours and Company  
1007 Market Street  
Wilmington, DE 19898  
Questions? Call 1-800-441-7515

EPA Reg. No.71654-7

EPA Est. No. XXXXX

&lt;Lot or batch #&gt;

Virkon® is a registered trademark of Antec International Ltd.; US Patent No.4822512

**DIRECTIONS FOR USE:**

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

***INSTITUTIONAL, FOOD PROCESSING, AND PUBLIC SERVICE FACILITIES***

With VIRKON®, only one product is needed to clean and disinfect.

**Do Not Use Virkon® on acid-sensitive surfaces such as marble or soft metals such as copper, brass, and certain grades of aluminum. Avoid splashing VIRKON® solution on textiles or carpets. End-user should assure compatibility of all critical materials that may be contacted by Virkon®.**

**Do not mix product or in-use solution with other chemicals including bleach or other halogen-containing materials.**

**Cleaning Procedure:** Remove gross dirt and prepare a 1.0% solution according to the table below. Apply to surface using a sponge, brush, or spray device, scrubbing as necessary until the surface is visibly clean. Rinse.

**Cleaning and Disinfecting Hard Non-porous Food Contact Surfaces:** Remove gross dirt and prepare 1.0% solution according to the table below. Apply to surface using a sponge, brush, or spray device until the surface is visibly clean. Let stand for 10 minutes and rinse with potable water.

**Cleaning and Disinfecting Hard Non-porous Non-Food Contact Surfaces:** Remove gross dirt and use 1.0% Virkon® solution prepared according to the table below. Apply to surface using a mop, sponge, brushes or spray device until the surface is visibly clean. Let stand 10 minutes and air dry. In cases of fungal contamination of non-food contact surfaces, follow these instructions substituting a 2.0% Virkon® solution.

This product is not to be used on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

**Cleaning and Disinfecting, or Sanitizing Manikins Used in CPR Training:****Sanitizing manikins between students:**

Prepare a 3% solution of Virkon® [according to dilution chart] [by dissolving 3 tablets (5 gm each) of Virkon® in one pint [16 oz] water] [by dissolving 1 tablet (5 gm) of Virkon® in pre-marked 5.3 oz spray bottle that has been filled to line with water.] Thoroughly spray the manikin surface (mouth and nose area) or wipe with a cloth saturated with 3% solution until fully wetted. Allow surface to remain visibly wet for a minimum of 30 seconds, and wipe with a disposable cloth until dry. Rinse surface with potable water.

**Cleaning and disinfecting manikins after class:**

Manikins should be cleaned as soon as possible at the end of each class to avoid drying of contaminants on surfaces. Disassemble the manikin as directed by the manufacturer's instructions. Thoroughly wash all internal and external surfaces and reusable protective face shields with a brush using a 1% Virkon® solution. Let stand for 10 minutes and rinse with potable water.

**Crisis Scene Disinfection of Hard Non-Porous Surfaces:**

For bacterial and viral\* control: Streptococcus pyogenes, Helicobacter pylori, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus (MRSA), Vancomycin-Resistant Enterococcus faecalis, (VRE), and Staphylococcus epidermidis.

\*Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus), Influenza A, Respiratory Syncytial Virus (RSV), Norovirus (Norwalk-like viruses), Avian Influenza Virus, [Pandemic 2009 H1N1 influenza A virus].

Not for use with Medical Instruments.

This product is not to be used on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contact intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

[For [sachet] [pouch] [packet] [bag] packaged with bottle of water: Remove gross dirt. To make a 1% solution, remove cap from bottle of pre-measured water provided. Completely empty entire contents of [sachet] [pouch] [packet] [bag] into the bottle of water provided. Recap bottle and gently shake until powder is dissolved. Remove cap and replace with sprayer. Apply to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For tablet packaged with [16 oz][32 oz]bottle of water: Remove gross dirt. To make a 1% solution, remove cap from bottle of pre-measured water provided. Add [one][two] tablet(s) into the bottle. Recap bottle and gently shake until tablet is dissolved. Remove cap and replace with sprayer. Apply to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For [sachet] [pouch] [packet] [bag] packaged with empty bottle: Remove gross dirt. To make a 1% solution, remove cap from empty bottle provided. Fill bottle with water. Completely empty contents of Virkon® [sachet] [pouch] [packet] [bag] into the bottle of water, recap bottle, and gently shake until powder is dissolved. Remove cap and replace with sprayer. Apply to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For tablet packaged with empty [16 oz][32oz]bottle: Remove gross dirt. To make a 1% solution, remove cap from empty bottle provided. Fill bottle with water. Add tablet into the bottle, recap bottle, and gently shake until tablet is dissolved. Remove cap and replace with sprayer. Apply solution to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For a 1% solution from powder: Remove gross dirt. Refer to dilution chart. Fill container with required amount of water and add Virkon® powder to achieve solution concentration. Cap container and gently shake until powder is dissolved. Apply solution to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry.]

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[For a 1% solution from tablet: Remove gross dirt. Add one 5 gm (0.18 oz) Virkon® tablet per pint of water. Cap container and gently shake until tablet is dissolved. Apply solution to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry.]

[To Use for Cleaning and Disinfecting Respirator Face Plates: Disassemble respirator per manufacture's directions for cleaning and disinfection. Remove gross dirt. Refer to Virkon® dilution chart. Prepare a 1% Virkon® solution by fully dissolving the appropriate amount of Virkon® (powder or tablets) in water. Submerge or spray the respirator face plate with a 1% Virkon® solution so that the surfaces to be disinfected remain wet for 10 minutes. Rinse thoroughly with water to remove disinfectant. Allow to dry].

[To Use as an absorbent for blood, body fluids, or vomit: Cover soiled area with Virkon® powder. Let stand for 10 minutes and scoop into plastic bag and handle as biohazardous waste. Follow up with a disinfectant step by applying a 1% Virkon® solution (prepared according to dilution chart) to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry. Bag containing soil must be disposed of as infectious waste.]

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST \*HIV-1, Hepatitis B (HBV), and Hepatitis C (HCV) ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

\*Kills HIV-1, HBV, and HCV on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings (Hospitals, Nursing Homes, etc.) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects using a cleaner (such as Virkon®) before application of this product as a disinfectant. (See previous label instructions for use of Virkon® as cleaner.)

**CONTACT TIME:** Allow surface to remain wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.



### DILUTION CHART

Choose a delivery option from the list below		Add the following amount of Virkon® to the designated volume of water					
Virkon®		1%					
Metric	Standard	16 oz. (Pint)	32 oz. (Quart)	128 oz. (Gallon)	160 oz (5 Quarts)	640 oz (5 Gallons)	
5 g Tablet	0.18 oz Tablet	1 Tablet	2 Tablets	8 Tablets	10 Tablets	40 Tablets	
40 g Tablet	1.44 oz Tablet			1 Tablet		5 Tablets	
50 g Sachet	1.8 oz Sachet				1 Sachet	4 Sachets	
500 g Shaker Bottle	17.6 oz Shaker Bottle	1 tsp.	2 tsp.	8 tsp.	10 tsp.	40 tsp.	
5 kg Bucket	176 oz Bucket	1 tsp.	2 tsp.	8 tsp.	10 tsp.	40 tsp.	
Virkon®		2%					
Metric	Standard	16 oz. (Pint)	32 oz. (Quart)	128 oz. (Gallon)	160 oz (5 Quarts)	640 oz (5 Gallons)	
5 g Tablet	0.18 oz Tablet	2 Tablet	4 Tablets	16 Tablets	20 Tablets	80 Tablets	
40 g Tablet *	1.44 oz Tablet			2 Tablets		10 Tablets	
50 g Sachet	1.8 oz Sachet				2 Sachets	8 Sachets	
500 g Shaker Bottle	17.6 oz Shaker Bottle	2 tsp.	4 tsp.	16 tsp. (1/3 cup)	20 tsp.	1-2/3 cups	
5 kg Bucket	176 oz Bucket	2 tsp.	4 tsp.	16 tsp. (1/3 cup)	20 tsp.	1-2/3 cups	
Virkon®		3%					
Metric	Standard	170 ml (5.75 oz)	16 oz. (Pint)	32 oz. (Quart)	128 oz. (Gallon)	160 oz (5 Quarts)	640 oz. (5 Gallons)
5 g Tablet	0.18 oz Tablet	1 Tablet	3 Tablet	6 Tablets	24 Tablets	30 Tablets	120 Tablets
40 g Tablet *	1.44 oz Tablet				3 Tablets		15 Tablets
50 g Sachet	1.8 oz Sachet					3 Sachets	12 Sachets
500 g Shaker Bottle	17.6 oz Shaker Bottle		1 Tbsp.	2 Tbsp.	0.5 cups	10 Tbsp.	2-1/2 cups
5 kg Bucket	176 oz Bucket		1 Tbsp.	2 Tbsp.	0.5 cups	10 Tbsp.	2-1/2 cups

[tsp = teaspoon]  
 [Tbsp = tablespoon]

A 1% solution is effective as a [broad spectrum disinfectant][hospital disinfectant] for 7 days.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

DANGER: Powder is corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing and rubber gloves. Wear goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Corrosive statement does not refer to 1% in- use 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.

[Note to Reviewer: Effluent discharge statement to be included for package sizes of greater than or equal 5 gallons (liquid) or 50 pounds (solid, dry weight), in accordance with PR Notice 95-1.]

#### 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 dessicant canister with product during storage.] Do not mix this product with other chemicals.

**For [sachet] [pouch] [packet] [bag]:** Store in cool dry place. Keep out of reach of children. [Retain dessicant 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.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Note: [Bracketed information is optional text]

## DISINFECTANT CLAIMS

[One step cleaner/disinfectant\*]  
 [Cleans and disinfects in one step\*]  
 [Multipurpose disinfectant cleaner for use on inanimate hard non-porous surfaces]  
 [Will effectively clean and disinfect when used as directed]  
 [Hospital Disinfectant]  
 [Broad Spectrum Disinfectant]  
 [Effective against Hepatitis A Virus (HAV)]  
 [Kills Hepatitis A Virus (HAV)]  
 [Effective against Hepatitis B Virus (HBV) on pre-cleaned environmental surfaces previously soiled with blood or body fluids]  
 [Kills Hepatitis B Virus (HBV) on pre-cleaned environmental surfaces previously soiled with blood or body fluids]  
 [Effective against Hepatitis C Virus (HCV) on pre-cleaned environmental surfaces previously soiled with blood or body fluids]  
 [Kills Hepatitis C Virus (HCV) on pre-cleaned environmental surfaces previously soiled with blood or body fluids]  
 [Effective against Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus [and HIV-1] on pre-cleaned environmental surfaces/objects previously soiled with blood or body fluids].  
 [Kills Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus [and HIV-1] on pre-cleaned environmental surfaces previously soiled with blood or body fluids].  
 [Effective against Avian Influenza Virus]  
 [Kills Avian Influenza Virus]  
 [Effective against both Human and Avian Influenza Virus]  
 [Kills [more than] 99.9% [bacterial] germs and viruses\*\* (Helicobacter pylori, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, and Staphylococcus epidermidis)]

\* A pre-cleaning step is necessary for Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human immunodeficiency Virus (HIV-1) (AIDS virus).

\*\*Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human immunodeficiency Virus (HIV-1) (AIDS virus).

[Kills Hepatitis B and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus) on pre-cleaned environmental surfaces previously soiled with blood or body fluids ]

[Kills Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus on pre-cleaned environmental surfaces previously soiled with blood or body fluids]

[Virucidal], [Bacteriocidal], [Germicidal], [Fungicidal]

[Kills bacteria and viruses\* [important to First Responders]: \* Hepatitis A (Hepatitis A Virus), Hepatitis B (Hepatitis B Virus), Hepatitis C (Hepatitis C Virus), HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus) Kills Pandemic 2009 H1N1 influenza A virus]

- [Disinfects respirators]
- [For disinfecting respirators]
- [Sanitizes CPR manikins between use]
- [Efficacious against prevalent hospital pathogens such as MRSA, VRE, RSV]
- [Efficacious against prevalent foodborne pathogens such as Hepatitis A Virus and E. coli O157:H7]

Effective against [Norovirus (Norwalk-like viruses)] [MRSA], [VRE], [RSV], [Influenza virus], [Avian Influenza Virus [(H3N2)], [ Swine Influenza A (H1N1) Virus] [Pandemic 2009 H1N1 influenza A virus]

- [Use one tablet per pint of water to make a 1% solution]

**ADDITIONAL MARKETING CLAIMS**

- [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]
- [Safe for most hard non-porous surfaces]
- [Pleasant citrus scent]
- [Does not compromise the integrity of turnout gear (i.e. Treated Cotton, Aramid fiber, Indura® Ultra-Soft®, PBI, Kevlar®, Lenzing FR®, Tychem®, Polyethylene film coated, Saranex 23P film coated, Sparkguard®, Nomex®, Neoprene)]
- [Compliant with OSHA bloodborne pathogen standard]
- [Meets NFPA 1581 guidelines]
- [Use powder to absorb spills and solution to disinfect]
- [NSF listed]
- [Has NSF listing (D1)]
- [Fragrance Free]
- [No dyes or fragrances added]



*[Note to reviewer: NSF logo on back or side panel only]*



*[Note to reviewer: pictograms for optional use with tabletted product]*