



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

87542-1

Date of Issuance:

11/4/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

VIKING PURE DISINFECTANT

Name and Address of Registrant (include ZIP Code):

Viking Pure Solutions, LLC.
 4400 East Port Parkway
 Port Orange, FL 32127

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Demson Fuller, Product Manager 32
 Regulatory Management Branch I
 Antimicrobials Division (7510P)

Date:

11/4/20

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 87542-1.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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. 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/11/2020

If you have any questions, please contact Melanie Bolden by phone at (703) 347-0165, or via email at Bolden.Melanie@epa.gov

Sincerely,



Demson Fuller, Product Manager 32
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure



VIKING PURE™
SOLUTIONS

ACCEPTED
11/04/2020
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 87542-1

Viking Pure Disinfectant:

- Hospital Disinfectant
- GreenSeal Certified
- Cost Effective Solutions
- Produced for Use in Medical, Dental, Institutional, Hospitality, Industrial, Veterinarian, Commercial, and Residential Applications
- Leaves No Residue

Active Ingredient:

Hypochlorous Acid 0.018%

Other Ingredients: 99.982%

Total: ... 100.000%

Contains 180 ppm Free Available Chlorine (FAC)

KEEP OUT OF REACH OF CHILDREN

Manufactured By:

Viking Pure Solutions
4400 Eastport Park Way
Port Orange, FL 32127

Phone: (386) 428-9800 Email: info@vikingpure.com

EPA Registration No.: 87542-1

EPA EST.: 87452-FL-1

Date Produced: _____

Viking Pure Disinfectant must be used within 30 days of production or tested with a chlorine test strip.
Do not use product when chlorine concentration is below 162 ppm.

Viking Pure Disinfectant is an activated aqueous solution of hypochlorous acid produced by passing weak salt brine through the electrolytic cell(s) of Viking Pure Solutions' series generators using Electro-Chemical Activation (ECA) technology. Viking Pure Disinfectant contains a minimum of 180 ppm free available chlorine (FAC).

Physical or Chemical Hazards

Viking Pure Disinfectant is not compatible with other chemicals such as acids and hydrogen peroxide.

DIRECTIONS FOR USE

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

DISINFECTION APPLICATIONS

Hard, Non-Porous Surface Disinfection

To [Clean and] Disinfect [and Deodorize] Hard, Non-Porous Surfaces: For visibly soiled areas, a preliminary cleaning is required. Apply [Wipe, Spray or Dip] Viking Pure Disinfectant at 180 ppm FAC to hard, non-porous surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human 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. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

To [Clean and] Disinfect Water Sensitive [Electronic] Equipment, Hard, Non-Porous Surfaces: Completely power off electrical equipment prior to treatment. Pre-clean soils from external surfaces to be disinfected with a clean paper towel, cloth, microfiber, or sponge, which may be dry or slightly wetted with this product. Carefully apply Viking Pure Disinfectant using a cloth or spray device so that only enough solution is applied to keep the surface thoroughly wet for 10 minutes. Avoid over soaking and prevent pooled or puddled areas. Treated surfaces must remain wet for 10 minutes. Reapply as necessary to keep wet for 10 minutes. Do not rinse. Allow surfaces to air dry. Do not restore power to electronic equipment until thoroughly dry.

Special Instructions for Cleaning Prior to Disinfection against Human Norovirus

Personal Protection: Wear appropriate barrier protection such as gloves, gowns, masks, or eye covering.

Cleaning Procedure: Soils must be thoroughly cleaned from surfaces/objects before disinfection by application with clean cloth, mop, and/or sponge saturated with product intended for disinfection. Cleaning should include vigorous wiping and/or scrubbing, until visible soil is removed. Special attention is needed for high touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the pathogen.

Infectious Materials Disposal: Cleaning materials used that may contain soils should be disposed of immediately in accordance with local regulations for infectious materials disposal.

[For] Killing Human Norovirus: Clean hard, non-porous surfaces by removing visible soil [loose dirt, debris, blood/bodily fluids, etc.]. Apply [Viking Pure Disinfectant] [this product] and let stand for 10 minutes.

**This product is not meant to be used as a terminal sterilant/ high level disinfectant 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 bold barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

GENERAL CLEANING AND DEODORIZING DIRECTIONS

[To] Clean Non-Porous Surfaces – and/or – Floors: Apply [Wipe, Spray or Dip] Viking Pure Disinfectant to soiled area or surface with a cloth, wipe, mop, sponge, spray, or immersion, then wipe or scrub clean. This product can be used to clean various stains and organics including the following: bathtub ring, beverage stains, blood, body oils, coffee (stains), dead skin, dirt, fecal matter, fingerprints, food residue(s), fruit (stains), grease, laboratory stains, mildew stains, mold stains, (other) common soils – and/or – stains, (other) organic matter, pet odor, rust, tea (stains), urine (stains), vomit (stains).

[To] Clean, and Deodorize Toilet Bowls – and/or – Urinals – and/or – Bidets: Remove visible soil prior to disinfection. Empty toilet bowl or urinal and liberally apply [Viking Pure Disinfectant] [this product] to exposed surfaces including under the rim with a cloth, mop, sponge or spray device until the surface is thoroughly wet. Brush or swab all surfaces thoroughly. Treated surfaces must remain wet for 10 minutes before flushing again. Allow to air dry.

To Deodorize: Spray until thoroughly wet. Let stand for appropriate time [to kill odor causing bacteria]. Then wipe. For visibly soiled areas, a preliminary cleaning is required.

Organism Table for Disinfection Applications	Contact Time:
Bacteria:	
Pseudomonas aeruginosa (Pseudomonas) (ATCC 15442)	10 Minutes
Staphylococcus aureus (Staph) (ATCC 6538)	10 Minutes
Viruses Non Enveloped:	
Human Norovirus or Norwalk Virus (as Feline Calicivirus) (Strain F-9) (ATCC VR 782)	10 Minutes
Rhinovirus type 37 (ATCC VR 1147 Strain 151 - 1)	10 Minutes

{Note to Reviewer: These statements for claims against enveloped emerging viral pathogens shall not appear on marketed (final print) product labels.}

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]:

For an emerging viral pathogen that is a/an...	...follow the directions for use for the following organisms on the label:
Enveloped Virus	Human Norovirus
Large, non-enveloped virus	Human Norovirus
Small, non-enveloped virus	Human Norovirus; Rhinovirus type 37

Viking Pure Disinfectant has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, nonporous surfaces. Therefore, Viking Pure Disinfectant can be used against [name of emerging virus] when used in accordance with the directions for use against Human Norovirus and Rhinovirus type 37 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]. Viking Pure Disinfectant kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Human Norovirus and Rhinovirus type 37 on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

Claims:

- + This product was tested according to AOAC test methods
- + This product meets Emerging Viral Pathogens claim
- + Meets surface disinfection recommendations from OSHA Bloodborne Pathogen Standard
- + Broad spectrum disinfectant
- + One step cleaner/disinfectant when used in according to the disinfection directions.
- + Cleaner/disinfectant
- + Multi-purpose disinfectant
- + Hypochlorous Acid [(HOCl)] Solution
- + Hospital Disinfectant
- + Active ingredient hypochlorous acid [(HOCl)] produced from water and salt
- + [Antimicrobial] [antibacterial] [disinfectant]
- + Aids in the reduction of cross-contamination between treated surfaces
- + Formulated for bacteria fighting
- + Bactericide – or – Bactericidal
- + Germicide* – or – Germicidal*
- + Virucide* – or Virucidal*
- + Bathroom disinfectant on hard, non-porous surfaces
- + Kitchen disinfectant on hard, non-porous surfaces
- + Nursery disinfectant on hard, non-porous surfaces
- + Athletic facility disinfectant on hard, non-porous surfaces
- + Can be sprayed
- + Cleans and disinfects (insert use site)
- + Cleans and disinfects hard, non-porous surfaces
- + Cleans, deodorizes and disinfects
- + Eliminates – and/or – Destroys – and/or – Cleans – and/or – Removes [non-living] allergens [(such as) (like) [dust mite matter – or – particles] [dust mite debris] [cockroach matter – or – particles] [cockroach debris] [pet dander [found in dust]] [dog dander] [cat dander] [pollen [particles]]].
- + Deodorizes by killing the bacteria that causes odors
- + Designed for practical use
- + Designed to save you time
- + Disinfecting formula
- + Disinfects and deodorizes by killing bacteria and their odors
- + Disinfects [common] household hard, non-porous surfaces
- + Disinfects hard, non-porous surfaces (throughout the (insert use site)
- + Easy and convenient disinfecting
- + Easy one-step cleaning and disinfecting when used according to disinfection directions
- + Effective against – or – Kills (insert any organism(s) from table above) [in the presence of 5% organic soil load]
- + Effective against Staphylococcus aureus, Pseudomonas aeruginosa
- + Eliminates odors at their source; bacteria – and/or – yeast

- + Eliminates – or – Removes food odors [like garlic – and/or – fish – and/or – onion]
- + Eliminates – or – Removes [smoke] [urine] [feces] [fish] [foul] [body] odors
- + Eliminates – or – Removes pet odors [like urine – and/or – feces – and/or – vomit – and/or – “wet dog” smell]
- + Eliminates – or – Reduces odors caused by bacteria – and/or – yeast [in the kitchen – or – bathroom]
- + [Eliminates] [removes] Odors
- + For daily use
- + For use in (insert one or more of the use sites listed on the label)
- + For use on (insert one or more of the use surfaces listed on the label)
- + For use on high touch surfaces
- + Fight(s) – and/or - Kill(s) – and/or – Eliminates 99.9% – and/or – Effective against Staphylococcus aureus
- + Fight(s) – and/or - Kill(s) – and/or – Eliminates 99.9% – and/or – Effective against Pseudomonas aeruginosa
- + Can help reduce the risk of cross contamination between treated hard, non-porous surfaces
- + 2 in 1 Formula (Cleaner and odor eliminator)
- + Inspired by how you want [need] to disinfect
- + Invented to disinfect the way you want [need]
- + Just as [gentle] [mild] as [dish soap] [and] [water]
- + Kills bacteria
- + Kills many common bacteria
- + Kills odor-causing bacteria
- + Kills common household bacteria – and/or – viruses*
- + Kills bacteria – and/or – viruses* [on hard non-porous surfaces you touch most]
- + Low Odor
- + Fresh – and/or – Clean Scent
- + The smell of clean
- + Breath Easy: [Fragrance Free] [No Harsh Fumes] [No Harsh Chemicals]
- + No harsh fumes to irritate [pet] [dog] noses
- + No worries about pet licking after cleaning
- + Worry free use in [kennels] [litter box] [pet areas] [baby rooms] [nurseries]
- + Use for a [fresh] [home] [environment] [kitchen]
- + Alcohol free [formula]
- + Dye free [formula]
- + Fragrance free [formula] [will not irritate your [dog’s] [pet’s] nose]
- + Phenol free [formula]
- + VOC free [formula]
- + No – and/or Never any [alcohol] [dyes] [fragrances] [phenols] [VOCs] [harsh fumes] [harsh chemicals]
- + Non-flammable [formula] + Kills – or – Effective against pathogens
- + Kills – or – Leaves hard non-porous surfaces disinfected
- + Made in the USA (may include graphic of American flag)
- + One-step cleaner and disinfectant when used according to disinfection directions
- + Designed for general cleaning and disinfecting hard, non-porous environmental surfaces in health care facilities – or – (insert use site)

- + Ready-to-use [cruise line] [daycare] [dental] [hospital] [household] [institutional] [residential] [veterinarian] disinfectant
- + Ready-to-Use [Formula]
- + No mixing required
- + No rinse formula
- + No rinsing required
- + No wiping required
- + Disinfectant to go
- + The answer to your disinfecting needs
- + The convenient way to disinfect
- + Use in public – or – common places where bacteria – and/or – viruses* may be of concern on hard, non-porous surfaces
- + Non-greasy [formula]
- + Non-sticky [formula]
- + Leaves no [sticky] [greasy] [flammable] [harmful] [harsh] [chemical] residual – or – residue [on surfaces] [after evaporation]
- + Contains no phosphates
- + Kills – or – Effective against bacteria
- + Kills – or – Effective against viruses*
- Consumer [Line] [Disinfectant] on hard, non-porous surfaces
- Commercial [Line] [Disinfectant] on hard, non-porous surfaces
- Cruise Line [Line] [Disinfectant] on hard, non-porous surfaces
- Dental [Line] [Disinfectant] on hard, non-porous surfaces
- Freight [Line] [Disinfectant] on hard, non-porous surfaces
- Hospital [Line] [Disinfectant] on hard, non-porous surfaces
- Hospitality [Line] [Disinfectant] on hard, non-porous surfaces
- Industrial [Line] [Disinfectant] on hard, non-porous surfaces
- Janitorial [Jan-San] [Line] [Disinfectant] on hard, non-porous surfaces
- Nursery [Line] [Disinfectant] on hard, non-porous surfaces
- Public Transportation [Line] [Disinfectant] on hard, non-porous surfaces
- Residential [Line] [Disinfectant] on hard, non-porous surfaces
- Retail [Line] [Disinfectant] on hard, non-porous surfaces
- Veterinarian [Line] [Disinfectant] on hard, non-porous surfaces
- [Sample] [travel] size

GENERAL CLAIMS:

- + Convenient
- + Hospital disinfectant
- + Hypoallergenic
- + For general use
- + Will not harm hard, non-porous inanimate environmental surfaces
- + Will not harm titanium-coated, medical grade stainless steel
- + For use in athletic facilities and on athletic equipment
- + For use on bathroom surfaces
- + Ambient air application
- + For use on nursery surfaces

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a closed plastic container in a cool, dry location away from heat and sunlight. Do not shake. Do not store near easily oxidizable materials, acids, and reducers. In case of spill, isolate container (if possible) and flood area with water to dissolve all material before disposing this container in trash.

Emergency Handling: In case of contamination or decomposition. Do not reseal container. Isolate in open, well-ventilated area. Flood with large amounts of water. Cool unopened containers in vicinity by water spray.

Pesticide Disposal: Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture or rinsate is 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 EPA Regional Office for guidance.

Container Handling: Refillable container. Refill this container with Viking Pure Disinfectant only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling this container. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Dispose of rinsate as pesticide waste. Repeat the rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration, or by procedures allowed by state and local authorities.

Environmental Commitment

This product breaks down entirely to water.

Not harmful to septic and waste water treatment systems.

This bottle is coded for recyclers. Check to see if recycling facilities accept colored HDPE in your area.

Contains no phosphorous.

Contains no VOCs (Volatile Organic Compounds).

