

1839-175

3/16/2011

1048

MAR 16 2011

Mr. Thomas W. Isaac
Senior Regulatory Specialist
Stepan Company
22 W. Frontage Rd.
Northfield, Illinois 60093

Subject: Solvent Free Detergent Disinfectant Pump Spray
EPA Registration Number 1839-175
Application Dated February 23, 2011
EPA Received Date February 24, 2011

Dear Mr. Isaac:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

Proposed Amendment:

- Addition of the claim "Kills 99% of (Germs**) (Bacteria)* (page 1 of master label)
- Addition of marketing claims (page 5 of master label)

Labeling Comments:

1. On page 2 under bullet #3 that reads, (This product or product name) to read "kills 99% germs**.
2. On page 4 first sentence that reads "Cleans streak-free and " to read "kills 99% germs**.
3. On page 5 delete (Removes) (Cleans) (Cooked) (Burnt) (Baked) on food, (Removes) (Cleans) spaghetti sauce and non-food contact surfaces. For food contact surfaces, a rinse with potable water is required. These claims are misleading as they are referring to food contact surfaces.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

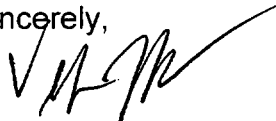
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General Comments:

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: stamped label

3098

(Use for consumer as well as institutional label.)

SOLVENT FREE DETERGENT DISINFECTANT PUMP SPRAY

CLEANER
DEODORIZER
ALL PURPOSE CLEANER
KILLS GERMS **

VIRUCIDAL
BACTERICIDAL

KILLS 99.9% OF (SOME) BACTERIA* (*requires disinfection use directions*)
KILLS 99.9% OF BACTERIA* in 5 minutes (*requires sanitizer use directions*)
CLEANS STREAK-FREE
SANITIZER—Non-Food Contact Surfaces
Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)
KILLS 99.9% of (GERMS) (BACTERIA*)
(LEMON) (FRESH) SCENT**

(*If this claim is made, organisms must be listed as follows:)

*Salmonella choleraesuis (Salmonella), Escherichia coli (E. coli), Staphylococcus aureus (Staph), Pseudomonas aeruginosa, Streptococcus pyogenes (Strep), Escherichia coli (E. coli) O157:H7

(*If this claim is made, organisms must be listed as follows:)

*Staphylococcus aureus (Staph), Klebsiella pneumoniae, Escherichia coli (E. coli) O157:H7, Campylobacter jejuni, Listeria monocytogenes

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	0.03990%
Dioctyl dimethyl ammonium chloride	0.01995%
Didecyl dimethyl ammonium chloride	0.01995%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride	0.05320%
INERT INGREDIENTS	99.86700%
Total	100.00000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (back) panels for additional precautionary statements.

EPA REG. NO. 1839-175
EPA EST. NO. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road
Northfield 60093

NET CONTENTS

ACCEPTED
with COMMENTS
in EPA Letter Dated:
MAR 16 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

1839-175

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(Institutional Label)
DIRECTIONS FOR USE

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

Solvent Free Detergent Disinfectant Pump Spray is designed specifically as a general non-acid cleaner and disinfectant for use in (medical institutions) (hospitals) (nursing homes) homes, schools, hotels, and restaurants. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless-steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets and automobile interior surfaces: steering wheels, seat belt buckles and housings, non-porous surfaces of child restraint seats, door handles, non-porous surfaces of visors, mirrors, dashboards, gear shift levers, accessory control knobs, vinyl car seats and head restraints and wheelchair lifts, faceguards and plastic straps. The antibacterial formula cleans and disinfects in one step. May be used in the kitchen on counters, sinks, appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

- (This product or product name) kills 99.9% of some bacteria*. (Note: This statement requires disinfection use directions.)
- (This product or product name) kills 99.9% of bacteria# in 5 minutes. (Note: This statement requires sanitization use directions.)
- (This product or product name) kills germs** such as Salmonella choleraesuis (Salmonella), Escherichia coli (E. coli), Staphylococcus aureus (Staph), Pseudomonas aeruginosa, Streptococcus pyogenes (Strep), Escherichia coli (E. coli) O157:H7, Influenza A₂ Virus, Herpes Simplex Virus 2.

(For labels that list medical institutions, hospitals, nursing homes, and metal and/or stainless steel surfaces, the following statement must be used:)

(This product or product name) is not for use on critical or semi-critical medical devices.

GENERAL CLEANING – Spray soiled area then wipe with a dry paper towel or lint-free cloth. No rinsing necessary.

DISINFECTION, DEODORIZING - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and remain wet for 10 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

When using on food contact surfaces such as counters, stovetops, or appliances, thoroughly rinse all wetted and cleaned surfaces with potable (tap) water. This product should not be used to clean utensils, glassware, and dishes.

One-step cleaning and disinfection of toilet bowls and urinals: Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of this product evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush.

BACTERICIDAL ACTIVITY - When used as directed, this product exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis (Salmonella), Escherichia coli (E. coli), Escherichia coli (E. coli) O157:H7, Staphylococcus aureus (Staph), Pseudomonas aeruginosa, Streptococcus pyogenes (Strep).

**** VIRUCIDAL ACTIVITY** – When used as directed, this product exhibits effective virucidal activity against the organisms: Influenza A₂ Virus, Herpes Simplex Virus 2.

(optional statements to appear anywhere on the label)

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. This product (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 (Product Name) 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 (Product Name) 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.

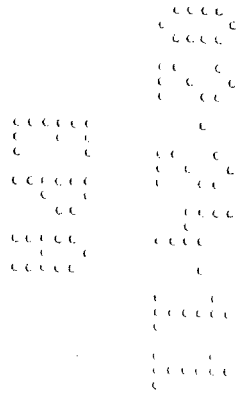
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(Institutional Label continued)

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

TO SANITIZE NON-FOOD CONTACT SURFACES and DEODORIZE: Spray until thoroughly wet. Let stand 5 minutes. Then wipe. For heavily soiled areas a pre-cleaning step is required. This product is an effective sanitizer against *Klebsiella pneumoniae*, *Staphylococcus aureus* (Staph), *Escherichia coli* (E. coli) O157:H7, *Campylobacter jejuni*, *Listeria monocytogenes*.

TO DEODORIZE AUTOMOBILE AIR CONDITIONER/HEATER VENTS: Hold container six to eight inches from vent. Spray product directly into vent. Spray until vent interior is completely wet and allow to air dry.



6098

(Consumer Label)

Cleans streak-free and kills germs** such as Salmonella choleraesuis (Salmonella), Escherichia coli (E. coli), Staphylococcus aureus (Staph), Pseudomonas aeruginosa, Streptococcus pyogenes (Strep), Escherichia coli (E. coli) O157:H7, Influenza A₂ Virus, Herpes Simplex Virus 2. Cleans and disinfects most washable surfaces with no rinsing. The antibacterial formula cleans and disinfectants in one step. For use in the kitchen, bathroom, and other household areas. Effective on counter tops, sinks, appliances, cabinets, microwave ovens, floors, glazed ceramic tile, stainless steel, chrome, sealed fiberglass, glazed porcelain and automobile interior surfaces: steering wheels, seat belt buckles and housings, non-porous surfaces of child restraint seats, door handles, non-porous surfaces of visors, mirrors, dashboards, gear shift levers, accessory control knobs, vinyl car seats and head restraints and wheelchair lifts, faceguards and plastic straps.

- This product kills 99.9% of some household bacteria*. (Note: This statement requires disinfection use directions.)
- (This product kills 99.9% of bacteria# in 5 minutes). (Note: This statement requires sanitization use directions.)

Directions for use: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

General household cleaning: Spray soiled area, then wipe with a dry paper towel or lint-free cloth. No rinsing is necessary.

Disinfect/Deodorize: Remove gross filth or heavy soil prior to application of the product. For hard non-porous surfaces such as counters and appliances, spray until thoroughly wet. Let stand for 10 minutes. A rinse is required for surfaces in direct contact with food.

Bactericidal Activity - When used as directed, this product exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis, Escherichia coli (E. coli), Escherichia coli (E. coli) O157:H7, Staphylococcus aureus (Staph), Pseudomonas aeruginosa, Streptococcus pyogenes.

**** Virucidal Activity -** When used as directed, this product exhibits effective virucidal activity against the organisms: Influenza A₂ Virus, Herpes Simplex Virus 2.

(optional statements to appear anywhere on the label)

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. This product (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 (Product Name) 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 (Product Name) 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.

To Sanitize Non-Food Contact Surfaces and Deodorize: Spray until thoroughly wet. Let stand 5 minutes. Then wipe. For heavily soiled areas a pre-cleaning step is required. This product is an effective sanitizer against Klebsiella pneumoniae, Staphylococcus aureus (Staph), Escherichia coli (E. coli) O157:H7, Campylobacter jejuni, Listeria monocytogenes.

TO DEODORIZE AUTOMOBILE AIR CONDITIONER/HEATER VENTS: Hold container six to eight inches from vent. Spray product directly into vent. Spray until vent interior is completely wet and allow to air dry.

(additional marketing claims to appear anywhere on the consumer label)

Cleans and Disinfects (in one step)

Sprays a (thick) foam and a fine mist

Use (thick) foam for tough soil; fine mist for touch-up or shiny surfaces

Sprays upside-down (to reach tough spots)

One product, multiple uses

(For use on) (Won't harm) (delicate surfaces) (sealed granite) (stainless steel) (glazed tile) (glass)

Saves time when cleaning

Cleans counters, sinks, stovetops, outsides of microwave, outsides of ovens and oven hoods

No visible residue

No rinsing required on non-food contact surfaces

Easy to use trigger

(Trigger) (Even) sprays upside down

(This product) (Product name) freshens

(This product) (Product name) deodorizes

(This product) (Product name) wipes away easily

(This product) (Product name) leaves no residue

(This product) (Product name) leaves a streak-free shine

Deodorizes

(Effective) Deodorizer

Cleans & Deodorizes (kitchen) (&) (bathroom)

(Removes) (Dissolves) tough (stains) (soils)

(Removes) (Cleans) (Tough) Kitchen (spills) (stains) (messes) (soils)

(Removes) (Cleans) (Cooked) (Burnt) (Baked) on food †	
(Removes) (Cleans) spaghetti sauce †	
† non-food contact surfaces. For food contact surfaces, a rinse with potable water is required	

(Removes) (Cleans) (Tough) (grime)

(Removes) (Cleans) hard water (deposits) (residue) (build-up)

(Remove) (Cleans) food stains

(Removes) (Cleans) rust

(Removes) (Cleans) dirt

(Cuts through) (Wipes out) (Tough) (Grime) (Grimy Messes)

8048

(Consumer and Institutional)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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 eyelids open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN/CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

HOTLINE NUMBER (optional)

You may contact XXX/XXX-XXXX for emergency medical treatment information.

STORAGE AND DISPOSAL

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

(for consumer household/residential products only)

PESTICIDE STORAGE: Store in an area inaccessible to children.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

(for institutional products)

PESTICIDE STORAGE: Store in an area inaccessible to children.

PESTICIDE DISPOSAL: Pesticide wastes are acutely 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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying.

(Containers 5 gallons or less)

Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after flow begins to drip. Repeat procedure two more times, then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(Containers greater than 5 gallons)

Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.