



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 6, 2018

Keshia Carswell  
Senior Regulatory Specialist  
Stepan Company  
22 West Frontage Road  
Northfield, IL 60093

Subject: Notification per PRN 98-10 – Add marketing claims  
Product Name: Aerosol Detergent/Disinfectant  
EPA Registration Number: 1839-84  
Application Date: October 26, 2017  
Decision Number: 535468

Dear Ms. Carswell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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) list 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 Compliance.

If you have any questions, you may contact Mohammad Alavi at (703) 347-0522 or via email at [Alavi.mohammad@epa.gov](mailto:Alavi.mohammad@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Eric Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# AEROSOL DETERGENT/DISINFECTANT

**FRONT PANEL**

**ACTIVE INGREDIENTS**

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides .....0.1%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl  
ethylbenzyl ammonium chlorides .....0.1%  
**(INERT)(OTHER) INGREDIENTS** ..... 99.8%  
TOTAL..... 100.0%

**NOTIFICATION**

1839-84

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/06/2018

**NET CONTENTS**

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

**FRONT, BACK OR SIDE PANEL**

Contents under pressure. Do not puncture. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw container into fire or incinerator. See side panel for additional precautionary statements.

**FIRST AID**

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

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• 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.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**(OPTIONAL)** You may contact xxx/xxx-xxxx for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Bracketed information is denoted as: {insert as noted }, ( optional text ), [ required qualifier ].  
The term "this product" used throughout this document may be replaced with the marketed product brand name.  
The term "x" is a place holder for numerical digits.  
Punctuation and plural/singular word forms may be adjusted to allow for grammatical correctness.  
Appropriate metric or imperial unit may be added as optional, supplemental information.

## FRONT, BACK OR SIDE PANEL CONTINUED

EPA REG. NO. 1839-84

EPA EST. NO. 1839-IL-01(XXX-XX-XX)

STEPAN COMPANY  
22 W. Frontage Rd.  
Northfield, IL 60093

See (side) (back)(booklet) panel for additional precautionary statements((and)(or) directions for use).

## MARKETING CLAIMS

### General

- CLEANER
- DEODORIZER
- FUNGICIDE (against pathogenic fungi)
- MILDEWSTAT (on hard, inanimate surfaces)
- DISINFECTANT
- \*VIRUCIDE
- FRESH SCENT
- LEMON SCENT
- PINE SCENT
- CLEANS.DISINFECTS
- Works upside down for hard to reach areas.
- This product is for use (in)(on): {insert use site or surface from page 3-4}
- This product is designed to provide effective cleaning, deodorizing, and disinfection (for)(in)(on) {insert use site or surface from page 3-4}
- Aerosol Detergent/Disinfectant is designed for cleaning, deodorizing, and disinfecting for hospitals, nursing homes, schools, hotels, homes, and food processing establishments. This product is effective where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.
- This product will clean, disinfect, and deodorize (the) evaporator coils (as well as control mold and mildew).
- Evaporator coil cleaner & disinfectant
- Works upside down for hard to reach areas.
- Complete care (CompleteCare)

## DISINFECTION CLAIMS

- Kills {insert pathogen from page 4}
- Disinfects against {insert pathogen from page 4}
- KILLS 99.9% of BACTERIA \*\*
- This product when used as directed is formulated to disinfect inanimate hard non-porous surfaces: {insert surface from page 3}
- **Cooling Coils Disinfectant Cleaner:** This product is a disinfectant cleaner for small air conditioner cooling coils and refrigeration equipment, refrigerator, or freezer evaporative coils. When using (this product or product name) to disinfect and clean cooling coils or evaporative coils, disconnect power to the unit before applying product. Follow the directions under the **DISINFECTION, DEODORIZATION AND CLEANING** section.
- **EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND \* VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM)**

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**FUNGI/ MOLD/ MILDEW CLAIMS**

- (Inhibits)(prevents)(stops) the growth of mold and mildew
- Kills 99.9% of (fungus)(fungi) in (just) 10 minutes#
- Kills 99.9% of (fungus)(fungi) #
- Kills (fungus)(fungi)
- Kills athlete’s foot fungus
- Kills fungus causing (ringworm)(ringworm of the foot) #
- Kills Trichophyton mentagrophytes(,the cause of (ringworm)(ringworm of the foot))

**DEODORIZING & CLEANING CLAIMS**

- Easily removes Soap Scum, Hard Water Stains and Dirt.
- Foaming action (powers through) (penetrates) your toughest messes.
- Versatile for (all) (most) bathroom surfaces.
- Fresh Citrus Scent
- This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowl exteriors, and other areas which are prone to odors caused by microorganisms.
- This product is also perfect for: (PTACs)(Window Units)(Mini-Splits)
- Remove cover and filters. Spray this product on coil and hard, inanimate surfaces (blower wheel, condensate pan and drains).

**CLAIM QUALIFIERS**

\*\* Staphylococcus aureus (Staph), Salmonella enterica (Salmonella), Pseudomonas aeruginosa

# This product is an effective fungicide against Trichophyton mentagrophytes in 10 minutes on hard, non-porous surfaces.

<Note to Reviewer:For labels that list medical premises and/or stainless steel surfaces, one of the following statements must be used:>

<sup>1</sup>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 either into or in contact with 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.

or

This product is not for use on critical and semi-critical medical device surfaces.

**SURFACES & USE SITES**

Product label may list the hard, nonporous surfaces or use sites.

**Hard, non-porous surfaces:**

Product label may include a graphic depiction of hard, nonporous surfaces listed in the chart below.

Baked enamel surfaces	Glazed ceramic tile	Shower stalls
Bathtubs	Glazed porcelain	Sink tops
Brass <sup>1</sup>	Hampers	Stainless steel surfaces <sup>1</sup>
Cabinets	Hospital beds <sup>1</sup>	Tables
CAT (equipment) <sup>1</sup>	Laminated surfaces	Telephones
Chairs	Metal surfaces <sup>1</sup>	Toilet bowl exteriors
Chrome <sup>1</sup>	MRI (equipment) <sup>1</sup>	Toilet seats
Copper <sup>1</sup>	Paddles	Traction devices
Examining tables <sup>1</sup>	Plastic surfaces	Walls

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Floors	Scales	Wheelchairs
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**Use Sites:**

Bathrooms	Hospitals <sup>1</sup>	Restrooms
Food processing establishments	Hotels	Schools
Homes	Nursing homes <sup>1</sup>	(Window Units)(PTACs)(Mini-Split(s))

**MICROORGANISMS**

This product has been tested and found to be efficacious against the following micro-organisms on hard, non-porous surfaces:

DISINFECTION		
Bacteria		Contact Time
<i>Pseudomonas aeruginosa</i>	(ATCC 15442)	10 minutes
<i>Staphylococcus aureus</i>	(ATCC 6538)	10 minutes
<i>Salmonella enterica</i>	(ATCC 10708)	10 minutes
Viruses		Contact Time
<i>Human Immunodeficiency Virus (HIV-1)</i>		10 minutes
Fungi		Contact Time
<i>Trichophyton mentagrophytes</i>	(ATCC 9533)	10 minutes

**DIRECTIONS FOR USE**

**DIRECTIONS FOR USE**

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

**DISINFECTION, DEODORIZATION AND CLEANING** - Shake can before using. Hold container six to eight inches from surface to be treated. Spray area until it is covered with white foam. Allow foam to penetrate and remain wet for 10 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. This product will not leave grit or soap scum. Surfaces which may contact food must be rinsed thoroughly with potable water after use.

For heavily soiled areas, a pre-cleaning step is required before treatment.

When used in food processing establishments, cover or remove all food and packaging materials, remove all gross soils, saturate all surfaces with the spray product, scrub to loosen all soils, allow to soak for 10 minutes, thoroughly rinse all wetted and cleaned surfaces with potable water.

**MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

**BACTERICIDAL ACTIVITY** - When used as directed, this product exhibits effective disinfectant activity against the organisms: *Staphylococcus aureus*, *Salmonella enterica* and *Pseudomonas aeruginosa* and meets AOAC Germicidal Spray Products Test requirements for hospital disinfectants.

**FUNGICIDAL ACTIVITY** - This product is fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other clean, non-porous, hard surfaces commonly contacted by bare feet.

**\*VIRUCIDAL ACTIVITY** - This product when used on environmental, inanimate hard non-porous surfaces exhibits effective virucidal activity against HIV-1 (associated with AIDS).

<Required if HIV is claimed on the label>

**KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) 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).

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**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**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 before application of this product.

**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.

## **PRECAUTIONARY STATEMENTS**

### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

#### **WARNING**

KEEP OUT OF REACH OF CHILDREN. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

#### **STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

*(for industrial, institutional and commercial products)*

**CONTAINER DISPOSAL** – Do not puncture or incinerate! Nonrefillable container. Do not reuse or refill this container. If empty: place in trash or offer for recycling, if available. If partially filled: Call your local solid waste agency for disposal instructions.

*(for household use products only)*

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

**PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

## **GRAPHICS**

<NOTE TO REVIEWER: Product label may show graphic depicting the surface/site application with directions for use or package type. Graphics may include but are not limited to the depictions below.>

