

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Stepan Company  
22 West Frontage road  
Northfield, IL 60093

OCT 18 2011

Attention: Thomas W. Isaac  
Senior Regulatory Specialist

**Subject: AEROSOL SDAS**  
EPA Registration No. 1839-188  
**Amendment Dated September 28, 2011**

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

**Proposed Amendment**

- Revised label per the Triethylene glycol RED

**General Comments**

Submit two (2) copies of the final printed labels for our review. A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

A handwritten signature in black ink that reads "M. Swindell".

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

# AEROSOL SDAS

DISINFECTANT

MILDEWSTAT (on hard, non-porous, inanimate surfaces)

DEODORANT

AIR REFRESHENER

Air Sanitizer

Kills 99.9% of Bacteria (*Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa*) on hard, non-porous, inanimate, environmental surfaces

Eliminates Odors

Kills Pandemic 2009 H1N1 Influenza A Virus (formerly called swine flu)

## ACTIVE INGREDIENTS

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%

Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl

ethylbenzyl ammonium chlorides..... 0.1%

Triethylene glycol..... 6.0%

Isopropanol..... 53.0%

**INERT INGREDIENTS**..... **40.8%**

Total..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See side panels for additional precautionary statements.

EPA REG. NO. 1839-188

EPA EST. NO. 1839-IL-01

### STEPAN COMPANY

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with COMMENTS  
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Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-188

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### DIRECTIONS FOR USE

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

(This product or product name) is designed for use in hospitals, nursing homes, veterinary clinics, animal life science laboratories, kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, hotels, schools, and homes, where disinfection and deodorization is of prime importance. When used as directed, (this product or product name) is formulated to disinfect clean, inanimate, non-porous, hard surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, bed springs, door knobs, linen carts, hampers, wheel chairs, garbage pails, and telephones.

(This product or product name) deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganisms.

(This product or product name) can also be used as a room air deodorizer and refreshener.

(This product or product name) helps to temporarily reduce the number of airborne bacteria in a room. (This product or product name) eliminates tough odors from pets, smoke, bathrooms, garbage and mildew.

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 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.

or

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

**SURFACE DISINFECTION AND DEODORIZATION** – For one-step disinfection, hold container six (6) inches from surface and spray area until completely wet, allowing the surface to remain wet for 10 minutes. For heavily soiled surfaces a pre-cleaning step is required.

**Veterinary Practice/Animal Care Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection Directions:** For cleaning and disinfecting the following hard non-porous surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, doors, cages, kennels, stables, catteries and animal transport vehicles. **Do not use on animal feeding or watering equipment.** Remove all animals and feed from the premises or transport vehicles. Remove all litter, droppings and manure from floors, walls and surfaces occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Thoroughly saturate the surface to be disinfected by holding the container six (6) inches from the surface and spray until completely wet. Allow the surface to remain wet for 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until the surfaces have completely dried.

**AIR SANITIZER, AIR DEODORIZER AND AIR REFRESHENER** - Spray upwards to center of room for three (3) seconds.

**FOR USE IN (AN) AUTOMATIC AEROSOL DISPENSER UNITS (UNIT) FOR (SANITIZING) (DEODORIZING) (REFRESHING) (AIR)** – Remove protective cap and install in automatic aerosol dispensing unit (unit trade name). Dispenser should be mounted 7 ft. from the floor and away from exposed foods. Position so that the concentrated spray will not come into direct contact with people, animals, food, animal feed, food processing surfaces, and/or solvent-sensitive surfaces (polished or varnished surfaces). Use only in a well ventilated area. Avoid inhaling spray mist or vapor. When the dispensing unit (unit trade name) is set for 24 hour operation and to disperse every 15 minutes, this can (container) contains 3900 controlled sprays that will last for approximately 30 days. When the dispensing unit (unit trade name) is set for 12 hour operation and to disperse every 15 minutes, this can (container) contains 3900 controlled sprays that will last for approximately 60 days.

**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 or product name) exhibits effective disinfectant activity against the organisms: Staphylococcus aureus (ATCC 6538), Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC 33591), Salmonella enterica (ATCC 10708) and Pseudomonas aeruginosa (ATCC 15442) and meets all requirements for hospital use. This product kills 99.9% of bacteria on hard, non-porous inanimate surfaces.

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1839-188 Amend 09/28/11

**VIRUCIDAL ACTIVITY-** (This product or product name) is virucidal against the organisms: Norovirus (Norwalk Virus), Rhinovirus Type 14 (ATCC VR-284), Influenza A<sub>2</sub>/Japan (H2N2), Feline Calicivirus (FCV) and Polio Virus Type 1 (ATCC VR-1562) when used as directed on hard, non-porous surface. Allow treated surfaces to remain wet for 10 minutes and let air dry.

*(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.

**FUNGICIDAL ACTIVITY** – (This product or product name) is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus) (ATCC 9533), 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.

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

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

**USER SAFETY RECOMMENDATIONS**

User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing.

**FIRST AID**

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact xxx/xxx-xxxx for emergency medical treatment information.

**PHYSICAL AND CHEMICAL HAZARDS**

Flammable! Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause bursting.

**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.

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OCT 18 2011  
Amend 09/28/11

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Fungicide, and Rodenticide Act as  
amended for the pesticide,  
registered under FDI No. 1839-188