

PM 31

1839-83

8/16/99

Page 124

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Stepan Company  
22 W. Frontage Rd.  
Northfield, IL 60093

AUG 16 1999

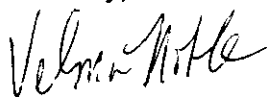
Subject: Detergent/Disinfectant Pump spray  
EPA Registration No. 1839-83  
Amendment dated February 17, 1999

Attn: Thomas W. Isaac  
Sr. Regulatory Specialist

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. The submitted data developed by the AOAC Germicidal spray Tests Method are adequate to demonstrate the antimicrobial efficacy of this product against *Staphylococcus aureus*-Mrsa (ATCC 33592), *Staphylococcus aureus*-VRSA (HIP-5836) and *Enterococcus faecalis*-VRE (ATCC 51299) when tested at 24 degrees Centigrade in the presence of 5% Fetal Bovine Serum with a contact time of ten minutes. A stamped copy of the label is enclosed for your records.

Submit one (1) copy of the final printed label before this product is released for shipment. If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Management Branch 1  
Antimicrobial Division (7510W)

## CONCURRENCES

SYMBOL	7510W						
SURNAME	B. Jones						
DATE	8-13-99						

274

# DETERGENT DISINFECTANT PUMP SPRAY

CLEANER	DEODORIZER
MILDEWSTAT (on hard	DISINFECTANT
inanimate surfaces)	TUBERCULOCIDAL
*VIRUCIDE	FUNGICIDE (against
	pathogenic fungi)

## 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 .....	0.105%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides .....	0.105%
<b>INERT INGREDIENTS</b> .....	<u>99.790%</u>
Total .....	100.000%

KEEP OUT OF REACH OF CHILDREN

## WARNING

See side panels for additional precautionary statements.

EPA REG. NO. 1839-83  
EPA EST. NO. 1839-IL-01

STEPAN COMPANY  
22 West Frontage Road • Northfield, IL 60093

NET CONTENTS

U.S. Patent No. 5,444,094

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 16 1999

(Middle Panel)

Amend 2/22/99

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-83

## DIRECTIONS FOR USE

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

Detergent Disinfectant Pump Spray is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, schools, hotels, and restaurants; authorized by USDA for use in federally inspected meat and poultry processing plants. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. For plastic and painted surfaces, spot test on an inconspicuous area before use. 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.

**DISINFECTION, DEODORIZING AND CLEANING** - 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.

**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.

**TUBERCULOCIDAL ACTIVITY** - This product exhibits disinfectant efficacy against *Mycobacterium tuberculosis* (BCG) in 10 minutes at 20 degrees Centigrade when used as directed on previously cleaned hard nonporous inanimate surfaces.

**BACTERICIDAL ACTIVITY** - When used as directed, this product exhibits effective disinfectant activity against the organisms: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Escherichia coli* 0157:H7, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin resistant *Staphylococcus aureus* (VRSA), Vancomycin resistant *Enterococcus faecalis* (VRE) and meets the requirements for hospital use.

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

**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).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF 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.

**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.

**FUNGICIDAL ACTIVITY** - This product is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus) 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, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**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.

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician.

If swallowed, drink egg whites or gelatin solution, or if these are not available, drink large quantities of water. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**STORAGE AND DISPOSAL**

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

**CONTAINER DISPOSAL** - Do not reuse container (bottle, can, or jar). Rinse thoroughly before discarding in trash.

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