

OCT 10 1996

Stepan Company  
 22 West Frontage Road  
 Northfield, IL 60093

Attention: Leo Dringoli  
 Manager, Product Registration

Subject: Detergent Disinfectant Pump Spray  
 EPA Registration Number 1839-83  
 Your Submission Dated June 20, 1996  
 EPA Received Date July 3, 1996

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add the label claims canine parvovirus and Escherichia coli 0157:H7 will be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

1. As specified in the Agency's Tuberculocidal Data Call-in Notice of 6-13-86, all pesticidal products which make a tuberculocidal claim are required to list the contact time and the temperature necessary to achieve the effective use of the product. Also, the directions for use must be clearly separated and reflected in the label.
2. The proposed label directions for use for the tuberculocidal claim must be expanded and listed separately to reflect these wordings or similar wordings:  
 Tuberculocidal Activity - Mycobacterium tuberculosis (BCG) is effective in 10 minutes at 20 degrees Centigrade on previously cleaned hard nonporous, inanimate surfaces.

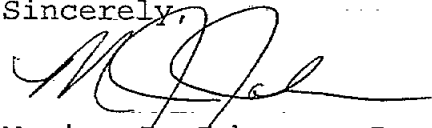
A stamped copy of your labeling is enclosed for your records. Submit (1) copy of the final printed label prior to release of the product for shipment.

CONCURRENCES							
SYMBOL	7505C						
SURNAME	MCJ						
DATE	10/10/96						

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If you have any questions concerning this letter, please contact Velma Noble at (703) 305-7441.

Sincerely,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

3075

# 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%
INERT INGREDIENTS .....	99.790%
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

REC'D EPA/DPDPD2

96 JUL 31 AMO:10

ACCEPTED  
WITH COMMENTS

In EPA Letter dated

OCT 10 1996

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

1839-83

(Middle Panel)

Amend 20 June 96

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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.

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. May be used in the kitchen on counters, sinks, appliances, and stove tops. 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.

**BACTERICIDAL ACTIVITY** - When used as directed, this product exhibits effective disinfectant activity against the organisms: Mycobacterium tuberculosis (BCG) at 20°C, Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, Escherichia coli 0157:H7, 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) and Canine Parvovirus.

**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.

Stapan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-83

(Left Panel)

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

Stapan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-83

(Right Panel)

ACCEPTED  
WITH COMMENTS

OCT 10 1996

For sale and use as directed for the products registered under EPA Reg. No.

1839-83

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