

1839-95

06/19/2001

1/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUN 19 2001

Subject: NP 4.5 (D&F) Detergent/Disinfectant
EPA Registration No. 1839-95
Amendment Dated February 2, 2001

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. Please see the attachment.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before the 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 (7510C)

CONCURRENCES							
SYMBOL	7510C						
SURNAME	Z. Jones						
DATE	6-19-01						

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY

NP 4.5 (D&F) Detergent/Disinfectant

CLEANER
DETERGENT
DEODORIZER
MILDEWSTAT (on hard inanimate
surfaces)

DISINFECTANT
FUNGICIDE (against
Pathogenic fungi)
*VIRUCIDE

ACTIVE INGREDIENTS

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂,
5% C₁₈) dimethyl benzyl
ammonium chlorides.....2.25%
Alkyl (68% C₁₂, 32% C₁₄)
dimethyl ethylbenzyl
ammonium chlorides.....2.25%

INERT INGREDIENTS.....95.50%
Total 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-95
EPA EST. NO. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road • Northfield, IL 60093

ACCEPTED
With COMMENTS
In EPA Letter Dated:
JUN 19 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the purposes
registered under EPA Reg. No.
1839-95

NET CONTENTS

(Center Panel)

Amlet 2/2/01

DIRECTIONS FOR USE

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

NP 4.5 (D&F) Detergent/Disinfectant is a phosphate free formulation designed to provide effective cleaning, deodorizing, and disinfection specifically for hospitals, nursing homes, schools, food processing plants, food service establishments, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athletic/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination.

When used as directed, this product is formulated to disinfectant hard, nonporous, inanimate, environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, and telephones. For larger areas: operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms.

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.

DISINFECTION - To disinfect pre-cleaned, inanimate, hard, non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect toilet bowls: flush toilet, add 2 ounces of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

To disinfect food processing premises: floors, walls, and storage areas, add 2 ounces of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Before using this product, food products and packaging materials must be removed from the area or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water.

To disinfect food service establishment food contact surfaces: countertops, appliances, tables, add 2 ounces of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product can not be used to clean the following food contact surfaces: utensils, glassware and dishes.

BACTERICIDAL ACTIVITY - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*, *Monella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, Methicillin resistant *Staphylococcus aureus* (MRSA), and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), and meets all requirements for hospital use.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 2 ounces of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

FUNGICIDAL ACTIVITY - At the 2 ounces per gallon dilution, this product is also 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, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet.

*** VIRUCIDAL ACTIVITY** - This product, when used on environmental, inanimate, hard, non-porous surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), and Hepatitis B Virus (HBV).

Stapan Company
Northfield, IL 60093
EPA Reg. No. 1839-95

Label: ps&cEPA_EPA Label (1) AMENDED 095-2-02-01.doc

(Left Panel) for the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended by the pesticide,
amended under EPA Reg. No.
1839-95

Human Immunodeficiency Virus Type 1 (HIV-1), and
Hepatitis B Virus (HBV)
in EPA Letter Dated:

JUN 19 2001

Amend 2 2/01

