

PM 31 RLGW 1839-97

JUN 27 1990

Stepan Company
22 West Frontage Road
Northfield, IL 60093

Attn: Leo Dringoli

Product Name: HP 12.5 (D&F) Detergent/Disinfectant
Registration Number 1839-97
Appl. dated 1-20-90

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Change "Adenovirus, type 2" to read "Adenovirus, Type 5."
 - b. Delete the words "and recommended."
2. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (H7505C)

60872:I:DeLaney:C.Disk:KENCO:5/25/90:dg:VO:SW:DD:CL

CONCURRENCES

SYMBOL	H 705C						
SURNAME	M DeLaney						
DATE	6/19/90						

DIRECTIONS FOR USE

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

NP 12.5 (D&F) Detergent/Disinfectant has been designed to provide effective cleaning, deodorizing and disinfection specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

NP 12.5 (D&F) Detergent/Disinfectant, when used as directed, is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting.

In addition, **NP 12.5 (D&F) Detergent/Disinfectant** deodorized 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.

DISINFECTION - To disinfect hard inanimate surfaces, add $\frac{1}{2}$ ounce **NP 12.5 (D&F) Detergent/Disinfectant** per gallon of water. Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, add $\frac{1}{2}$ ounce **NP 12.5 (D&F) Detergent/Disinfectant** directly to the bowl water. Scrub the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

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

When diluted at $\frac{1}{2}$ ounce per gallon of water, **NP 12.5 (D&F) Detergent/Disinfectant** exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Staphylococcus aureus*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmulleri*, *Streptococcus salivarius*, *Brevibacterium ammonigenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, and *Enterobacter aerogenes* and meets all requirements for hospital use.

At the $\frac{1}{2}$ ounce per gallon of water, **NP 12.5 (D&F) Detergent/Disinfectant** is also fungicidal against the Pathogenic fungi, *Trichophyton mentagrophytes*.

MILDEWSTAT - To control mild and mildew and the odors they cause on pre-cleaned, hard non-porous surfaces add $\frac{1}{2}$ ounce of **NP 12.5 (D&F) Detergent/Disinfectant** 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 if when mildew growth appears.

*** VIRUCIDAL ACTIVITY** - **NP 12.5 (D&F) Detergent/Disinfectant** when used on environmental inanimate hard surfaces at $\frac{1}{2}$ ounce per gallon of water exhibits effective virucidal activity against Influenza A2/Asian (representative of the common flu virus), Herpes simplex (nervous agent of fever blisters), Adenovirus type 2 (nervous agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

EFFICACY TESTS HAVE DEMONSTRATED THAT NP 12.5 (D&F) DETERGENT/ DISINFECTANT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

KILLS HIV 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 fluid is can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL DIRECTIONS 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 **NP 12.5 (D&F) Detergent/Disinfectant**.

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 properly in accordance with regulations for infectious waste disposal.

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Stepan Company
Northfield, IL 60093

NP 12.5 (D&F) Detergent/Disinfectant

CLEANER
DETERGENT
DEODORIZER

MILDEWSTAT (on hard inanimate surfaces)

DISINFECTANT
FUNGICIDE (against Pathogenic fungi)
* VIRUCIDE

ACTIVE INGREDIENTS

n-Alkyl (80% C ₁₂ , 30% C ₁₄ , 5% C ₁₆)	
5% C ₁₂ dimethyl benzyl ammonium chlorides	6.25%
n-Alkyl (85% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	6.25%
INERT INGREDIENTS	87.50%

Total 100.00%

EPA REG NO. 1839-97
EPA EST. NO. 1839-IL-01

KEEP OUT OF REACH OF CHILDREN DANGER

See side panels for additional precautionary statements.

NET CONTENTS

PRECAUTION HAZARD TO

KEEP OUT OF REACH OF CHILDREN. Do not get in eyes, on or under clothing. Wear rubber gloves when handling contaminated food.

STATE

In case of contact, immerse in water for 15 minutes. For eyes, flush with water. If these are not available, flush with clean water. Consult physician immediately.

Probable mucousal damage

BEST AVAILABLE

STORAGE

DO NOT CONTAMINATE DISPOSAL

STORAGE - Store in a cool, dry place below 120°F.

CONTAINER DISPOSAL: Puncture and dispose of by State and local authority. Incinerate in accordance with local, State and Federal regulations.

PESTICIDE DISPOSAL: Dispose of excess product in accordance with local, State and Federal regulations. For more information, contact your local health department.