

JUL 3 2003

Thomas W. Isaac
Sr. Regulatory Specialist
22 West Frontage Rd.
Northfield, Illinois 60093

Subject: NP 1.8 D&F Detergent/Disinfectant
EPA Registration No. 1839-146
Application Date: 4/07/03
Receipt Date: 4/08/03

Dear Mr. Isaac:

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

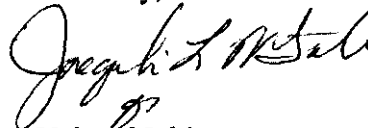
- . Update First Aid Statements
- . Update Precautionary Statements
- . Addition of expanded specific environmental surfaces
- . Addition of Environmental Hazards statement
- . Addition of Food Processing Premises Disinfectant Directions

GENERAL DIRECTIONS

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



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

CONCURRENCES							
SYMBOL	1510C						
SURNAME	Z. Jones						
DATE	7-1-03						

2 7 4

NP 1.8 (D&F) Detergent/Disinfectant

CLEANER
DETERGENT
FUNGICIDE (against pathogenic fungi)
SANITIZER (non-food contact surfaces)
MILDEWSTAT (on hard, inanimate surfaces)

DISINFECTANT
*VIRUCIDE
DEODORIZER

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride.....	0.54%
Dioctyl dimethyl ammonium chloride	0.27%
Didecyl dimethyl ammonium chloride	0.27%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chlorides	0.72%

INERT INGREDIENTS.....	98.20%
TOTAL	100.00%

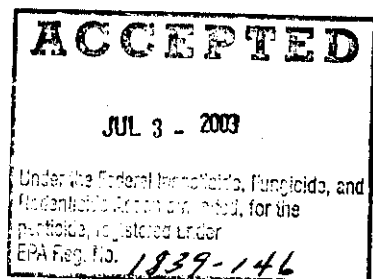
KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements

EPA REG. No. 1839-146
EPA EST. No. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road • Northfield, IL 60093



NET CONTENTS

(center panel)

Amend 04/07/03

DIRECTIONS FOR USE

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

NP 1.8 (D&F) Detergent/Disinfectant is a phosphate-free formulation designed to provide effective cleaning, deodorizing, non-food contact sanitizing, and disinfection specifically for schools, non-medical institutions and food processing plants where housekeeping is of prime importance in controlling the hazard of cross contamination.

This product, when used as directed, is formulated to disinfect inanimate, hard surfaces: walls, floors, sink tops, toilet bowls, tables, chairs, telephones, bed frames, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets.

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.

DISINFECTION - To disinfect inanimate, hard surfaces, add 2 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse mechanical 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 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. For sprayer application use a coarse spray. Allow to remain wet for 10 minutes, then remove excess liquid. Before using this product, food products and packaging materials must be removed from area or carefully protected. After use, all surfaces must be thoroughly rinsed with potable water.

BACTERICIDAL ACTIVITY - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Staphylococcus aureus*, *Streptococcus pyogenes*, *Shigella dysenteriae*, *Brevibacterium ammoniagenes*, *Salmonella typhi*, and *Serratia marcescens*.

*** VIRUCIDAL ACTIVITY** - This product when used on environmental, inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against Influenza A/Brazil (lower respiratory tract disease), Herpes Simplex Type 1 (causative agent of fever blisters), and Vaccinia virus (representative of the pox virus group).

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 fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (athlete's foot fungus), when used on hard surfaces in such areas as locker rooms, dressing rooms, shower and bath areas, and in exercise facilities.

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

SANITIZATION OF NON-FOOD CONTACT SURFACES - To sanitize non-porous environmental surfaces: floors, walls, tables, add 5 ounces of this product per 4.5 gallons 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 30 seconds, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. This product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae*.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

(OPTIONAL): You may contact XXX/XXX-XXX for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

(Note: If container size is 5 gallons or greater, the following Environmental Hazards statement must be used.)

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

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

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke.

For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact you State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.