

1839-103

10-2-2002

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/4

Thomas W. Isaac  
Senior Regulatory Specialist  
Stepan Company  
22 W. Frontage Road  
Northfield, IL 60093

OCT 2 - 2002

Subject: Amendment per FIFRA  
CD 3.2 (D&F) Detergent/Disinfectant  
EPA Registration No. 1839-103  
Application Dated: July 3, 2002  
EPA Received Date: July 5, 2002

Dear Mr. Isaac:

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

**Proposed Amendment**

- Update First Aid Statements per PR Notice 2001-1
- Revise the Precautionary Statements per Label Review Manual language

**Label Comments**

1. Revise the "If on skin or clothing" section of the First Aid Statements to read:  
"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."

**General Comments**

Should you have any questions regarding this letter, please contact me at 703-308-6233.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510 C)

CONCURRENCES							
SYMBOL	7510C						
SURNAME	Gray						
DATE	10/2/02						

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# CD 3.2 (D&F) Detergent/Disinfectant

CLEANER  
DETERGENT  
DEODORIZER  
MILDEWSTAT (on hard inanimate  
surfaces)

DISINFECTANT  
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..... 1.60%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl  
ammonium chlorides..... 1.60%

**INERT INGREDIENTS**..... **96.80%**  
Total 100.00%

KEEP OUT OF REACH OF CHILDREN

## DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-103  
EPA EST. NO. 1839-IL-01

STEPAN COMPANY  
22 West Frontage Road • Northfield, IL 60093

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 2 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. *1839-103*

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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.

CD 3.2 (D&F) Detergent/Disinfectant has been designed to provide effective cleaning, deodorizing, and disinfection specifically for hospitals, nursing homes, schools, food service establishments, food processing plants, transportation terminals, and manufacturing facility premises where housekeeping is of prime importance in controlling the hazard of cross contamination.

This product, when used as directed, is formulated to disinfectant hard, non-porous, 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 such as 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.

**CLEANING** – Add 2 ounces of this product per gallon of water. Apply solution with a cloth, sponge, or hand trigger sprayer so as to wet all surfaces thoroughly. Then remove excess liquid.

**DISINFECTION** - To disinfect pre-cleaned, inanimate, hard, non-porous surfaces, 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.

**GENERAL DISINFECTION** – Add 2 ounces of this product per gallon of water.

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 service establishment food contact surfaces:** countertops, appliances, tables, add 2 ounces of this product per gallon of water. 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.

**To disinfect food processing premises:** floors, walls, and storage areas, add 2 ounces of this product per gallon of water. Before using this product, food products and packaging materials must be removed from the area or carefully protected. Pre-clean surfaces then apply solution with a mop, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. All surfaces which may come in contact with food must be rinsed with potable water.

**HOSPITAL DISINFECTION** – Add 3 ounces of this product per gallon of water.

**BACTERICIDAL ACTIVITY** - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis and Staphylococcus aureus.

When diluted at the rate of 3 ounces per gallon of water, this product exhibits effective disinfectant activity against Pseudomonas aeruginosa in addition to the above mentioned organisms 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 fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus). Apply solution with a cloth, sponge or hand pump trigger sprayer to hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard non-porous surfaces commonly contacted by bare feet. Allow the surface to remain wet for 10 minutes, then remove excess liquid. Diluted product should be applied daily or more frequently with heavy facility use.

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DEODORIZATION - To deodorize, apply this product as indicated under the heading, GENERAL DISINFECTION.

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

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER**

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. 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 a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin 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 person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**(OPTIONAL)** You may contact xxx/xxx-xxxx for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS**

*(Required for containers 5 gallons or greater)*

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. Store in tightly closed container in a secure area inaccessible to children.

**CONTAINER DISPOSAL** - Do not reuse empty container. Triple rinse empty container with water. Return metal drum or 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 offered for recycling or reconditioning, or punctured and 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 your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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