

APR 02 1987

Stepan Company  
22 West Frontage Road  
Northfield, IL 60093

Attention: Veronica C. Benson

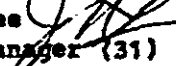
Gentlemen:

Subject: CD 1.6  
EPA Registration No. 1839-50  
Your Amendment Application Dated October 23, 1986

The amendment application submitted to correct the typographical error in the use directions for mildew is acceptable. A stamped copy of the corrected label is enclosed.

You are reminded that for us to complete our review of the Label Improvement Program Notice for Antimicrobial Products, the requested information stated in our February 3, 1987 letter must be submitted.

Sincerely yours,

John H. Lee   
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

BEST AVAILABLE COPY

89959;Lee:L-7;KENCO;2/26/87;3/10/87;TAR;VO;EK;dej

CONCURRENCES

SYMBOL ▶

## DIRECTIONS FOR USE

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

Onyx CD 1.6 detergent/disinfectant has been designed specifically for hospitals, offices, motels, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

**DISINFECTANT**-To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION RATES**-General Disinfection-add 4.8 ounces CD 1.6 per gallon of water. Hospital Disinfection-add 8 ounces CD 1.6 per gallon of water.

To disinfect toilet bowls, flush toilet, add 4.8 ounces CD 1.6 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.

**MILDEWSTAT**-To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add

.5 ounces CD 1.6 per 5 gallons 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 reappears.

**SANITIZATION**-To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary CD 1.6 solution by adding 3 ounces CD 1.6 to 5 gallons of water

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm CD 1.6 solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 90 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm CD 1.6 solution for at least 90 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

## PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

### DANGER

Keep Out Of Reach Of Children. Causes severe eye and skin damage. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

### 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. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 02 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1839-50



CD 1.6

## detergent/disinfectant

CLEANER  
DETERGENT  
DEODORIZER  
SANITIZER  
MILDEWSTAT (on hard inanimate surfaces)

DISINFECTANT  
FUNGICIDE (against pathogenic fungi)

### ACTIVE INGREDIENTS:

n-Alkyl (80% C14, 30% C18, 5% C12, 5% C18)	
dimethyl benzyl ammonium chlorides	0.8%
n-Alkyl (80% C12, 32% C14)	
dimethyl ethylbenzyl ammonium chlorides	0.8%
INERT INGREDIENTS	98.40%

Total 100%

EPA REG. NO. 1839-50  
EPA EST. NO. 1839-NJ-01

ONLY FOR SALE TO, USE,  
AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

see side panels for additional precautionary and first aid statements

STEPAN COMPANY  
22 WEST FRONTAGE ROAD • NORTHFIELD, ILL. 60063

BEST AVAILABLE COPY

NET CONTENTS

Onyx CD 1.6 is a heavy-duty detergent/disinfectant designed for general use in hospitals, food processing plants, hotels, and other institutions where housekeeping is of prime importance. When used as directed, it disinfects inanimate surfaces, such as toilet bowls, table tops, and other hard surfaces, and is designed to aid in the removal of dirt in areas where heavy traffic is present. When used as directed, it is a single step disinfectant. In addition, Onyx CD 1.6 is designed to help keep fresh empty garbage bins and other areas which are prone to odors. **DISINFECTANT**-At 4.8 ounces per gallon of water, it is an effective disinfectant against *Salmonella choleraesuis*.

At this level the product kills *Trichophyton menthagrophytes*. At 8 ounces per gallon of water, it is an effective disinfectant against *Pseudomonas aeruginosa*. It also has bactericidal and fungicidal activity. **MOLD AND MILDEW**-At 0.5 ounces per gallon of water, it is an effective mold and mildew inhibitor on hard inanimate surfaces.

**SANITIZATION**-When used at 200 ppm (3 ounces per 5 gallons of water), it is an effective sanitizer when diluted.

DO NOT CONTAIN  
FEED BY STORES  
STORAGE - Store at room temperature in original container. Do not use if container is damaged or if contents are contaminated. Return to Stepan Company for a refund. A Sanitary Label approved by State Health Department. Plastic Container. Sanitary Label by local health department. Stay out of eyes. PESTICIDE DISINFECTANT. Hazardous. Impure. See label for full instructions. Law. If these use according to label. State Pesticide or the Hazardous Waste Act.