

DIRECTIONS FOR USE

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

CD 4.5 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

DISINFECTION — To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 2 ounces CD 4.5 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, flush toilet, add 2 ounces CD 4.5 detergent/disinfectant 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.

For heavily soiled area, a pre-cleaning step is required. 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 2 ounces CD 4.5 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.



**CD 4.5 (D & F)
Detergent/Disinfectant**

**CLEANER
DETERGENT
DEODORIZER**

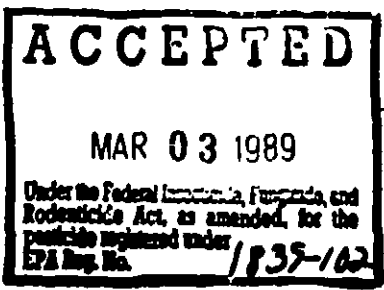
**DISINFECTANT
FUNGICIDE (against
Pathogenic fungi)
VIRUCIDE***

MILDEWSTAT (on hard inanimate surfaces)

ACTIVE INGREDIENTS

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	2.25%
n-Alkyl (66% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	2.25%
INERT INGREDIENTS	95.50%

Total 100.00%



EPA REG. NO. 1839-102
EPA EST. NO. 1839-IL-01

**KEEP OUT OF REACH OF CHILDREN
DANGER**

see side panels for additional precautionary statements



Stepan Company
Northfield, IL 60093

NET CONTENTS

CD 4.5 is a concentrated detergent/disinfectant which provides effective cleaning, deodorizing, and disinfection. CD 4.5 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

CD 4.5 when diluted at the rate of 2 ounces per gallon of water is an effective disinfectant against the organisms Pseudomonas aeruginosa and meets all requirements for hospital use. When used as directed, CD 4.5 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, the product is designed to provide both general cleaning and disinfecting.

In addition, CD 4.5 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DISINFECTION — At 2 ounces per gallon dilution, CD 4.5 exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis and Staphylococcus aureus.

At this level the product is also fungicidal against the Pathogenic fungi, TRICHOPHYTON MENTAGROPHITES

VIRUCIDAL ACTIVITY: The product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against influenza A2-Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group)

EFFICACY TESTS HAVE DEMONSTRATED THAT CD 4.5 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

Mold and Mildewstat — CD 4.5 controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

STORAGE AND DISPOSAL

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

STORAGE — Store in a dry place no lower in temperature than 50° 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.

PESTICIDE DISPOSAL — Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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.

PRECAUTIONARY STATEMENTS

**HAZAROUS 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 on 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 as well as oxygen and measures to support breathing manually or mechanically may be needed.