

**BEST AVAILABLE COPY**

Cross contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. CS-170 has been formulated to aid in the reduction of cross-contamination in these areas.

CS-170 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

CS-170 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, CS-170 will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

Precautionary Statements

Hazardous to Humans and Domestic

Animals

**DANGER**

Keep Out Of Reach Of Children. Corrosive. Causes 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 or absorbed through skin. Avoid contamination of food.

**Storage and Disposal**

-- Do not contaminate water, food, or feed by storage or disposal

-- Do not store on side.

-- Avoid creasing or impacting of side walls.

**PESTICIDE DISPOSAL**

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

**CONTAINER DISPOSAL**

Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

Mult. Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

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**CS-170**

Disinfectant-Cleaner-Sanitizer-Fungicide  
Mildewstat-Virucide\*-Deodorizer  
for Hospitals, Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness  
(calculated as CaCO<sub>3</sub>) in the presence of 5% serum  
contamination

Active Ingredients

Octyl decyl dimethyl ammonium chloride	5.510%
Diocetyl dimethyl ammonium chloride	2.604%
Didecyl dimethyl ammonium chloride	3.906%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>10</sub> , 10%) dimethyl benzyl ammonium chloride	8.680%
Inert Ingredients	78.300%
	100.000%

**ACCEPTED**  
**JUN 23 1993**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under the pesticide EPA Reg. No. 44637-1

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**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.

**SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Registration No. 44637-1  
EPA Establishment No. 44637FLO1  
Net Contents

Manufactured by  
Chemical Systems of Florida, Inc.  
P.O. Box 810  
Zellwood, Florida 32798

**For Sale For And Storage By Maintenance Personnel Only**

**DIRECTIONS FOR USE**

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

CS-170 is a proven "one-step" disinfectant-cleaner-fungicide-mildewstat-drugicide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply CS-170 to walls, floors and other hard (inanimate), non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - to disinfect hard, non-porous surfaces, add 0.5 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of CS-170 has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella enteritidis
- Escherichia coli
- Streptococcus pyogenes
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmuelleri
- Streptococcus faecalis
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Salmonella typhi
- Serratia marcescens

**Fungicidal Performance -**

CS-170 is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities etc., at 0.5 oz./gallon.

**Mold and Mildew Control.** At 0.5 oz./gallon, CS-170 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

**\*Virucidal Performance.** At 0.5 oz per gallon use level, CS-170 was evaluated in the presence of 5% serum and 400 ppm hard water and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex Types 1 and 2 and Vaccinia on inanimate hard non-porous environmental surfaces.

**Sanitizing-Non-Feed Contact surfaces** (such as floors, walls, tables, etc.) At 0.5 oz. per 5.5 gallon use-level, CS-170 is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 80 seconds.