

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. This product is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination from environmental surfaces. When used as directed, this product will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors. Prevents odors caused by mold and mildew. This product is economical to use because it is highly concentrated and should be handled with care.

**Precautionary Statements**

**Hazards to Humans and domestic animals**

**DANGER**

Keep out of reach of children. Corrosive. 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.

**STORAGE AND DISPOSAL**

1. **PROHIBITIONS**  
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. **PESTICIDE DISPOSAL**  
Pesticide, spray mixture, or residue that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
3. **CONTAINER DISPOSAL**  
(a) Reseal container and offer for reconditioning or (b) Triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill, or bury in a safe place.
4. **GENERAL**  
Consult federal, state or local disposal authorities for approved alternative procedures.

**BETCO 256**

**Cleaner-Disinfectant-Deodorizer-Fungicide-Virucide  
- Sanitizer for Hospital and Institutional Use**

Highly Concentrated Germicide Based on a Unique Blend of Quaternaries with Organic Soil Load Tolerance

<b>Active Ingredients</b>	
Octyl Decyl Dimethyl Ammonium Chloride	1.750%
Dioctyl Dimethyl Ammonium Chloride	1.875%
Didecyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C <sub>12</sub> 50%; C <sub>11</sub> 40%; C <sub>10</sub> 10%)	
Dimethyl Benzyl Ammonium Chloride	5.000%
Tetrasodium Ethylenediamine Tetraacetate	3.420%
<b>Inert Ingredients</b>	<b>84.080%</b>
	<b>100.000%</b>

**ACCEPTED**  
 DEC 24 1980  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4170-14

**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, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

**SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Registration No. 4170-14  
 EPA Establishment No. 4170-OH-1  
 Net Cont. 55 Gallons

Manufactured by:  
**Betco Corporation; Toledo, Ohio**

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# BETCO 256

**Disinfectant-Deodorizer-Fungicide-Virucide  
Sanitizer for Hospital and Institutional Use**

Highly Concentrated Germicide Based on a Unique Blend of Quaternaries with Organic Soil Load Tolerance

**Ingredients**

Dimethyl Ammonium Chloride	1.750%
Methyl Ammonium Chloride	1.875%
Benzyl Ammonium Chloride	1.875%
(C <sub>12</sub> : 40%; C <sub>16</sub> : 10%)	
Benzyl Ammonium Chloride	5.000%
Ethylenediamine Tetracetate	3.420%
	84.080%
	100.000%

**ACCEPTED**  
 DEC 24 1980  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4170-10

## KEEP OUT OF REACH OF CHILDREN DANGER

**Statement of Practical Treatment**

Immediately flush eyes or skin with plenty of water for at least 15 minutes. For clothing, remove and wash contaminated clothing before reuse. Promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, plenty of water. Avoid alcohol. Call a physician immediately. **WARNING:** Probable mucosal damage may contraindicate the use of gastric lavage. Respiratory shock, as well as oxygen and measures to support breathing may be needed. If persistent convulsions may be controlled by the cautious use of a short-acting barbiturate drug.

**PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

4170-14  
4170-OH-1  
Manufactured by:  
**Betco Corporation**; Toledo, Ohio

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**Directions for Use  
GENERAL CLASSIFICATION**

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

This product is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply this product to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks 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 1/2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, this product is also virucidal and fungicidal.

**Sanitizing** - To sanitize porous or non-porous, non-food contact surfaces, add 1/4 oz. per gallon of water.

At 1/2 oz. per gallon use level. The broad spectrum activity of this product has been evaluated in the presence of 5% serum and found to be effective against the following by the AOAC Use-Dilution test.

<i>Pseudomonas aeruginosa</i>	<i>Klebsiella pneumoniae</i>	<i>Escherichia coli</i>
<i>Staphylococcus aureus</i>	<i>Enterobacter aerogenes</i>	<i>Streptococcus faecalis</i>
<i>Salmonella choleraesuis</i>	<i>Salmonella schottmuelleri</i>	<i>Shigella dysenteriae</i>
		<i>Brevibacterium ammoniagenes</i>

**AOAC Fungicidal Test**

This product is effective against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc.

**Virucidal Performance**

At 1/2 oz. per gallon use-level, this product was evaluated in the presence of 10% serum and found to be effective against the following viruses: Herpes Simplex (a member of the virus family that causes infectious mononucleosis), Vaccinia (representative of the pox viruses), and Influenza A<sub>1</sub> (the Hong Kong flu virus) on inanimate environmental surfaces.

**Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.)** At 1/4 oz. per gallon use-level 30 second contact time. This product is an effective sanitizing agent in waters of up to 600 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on porous and non-porous environmental surfaces.

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