

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. I-QUAT 256 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, I-QUAT 256 will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where a 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.

**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.

**STORAGE AND DISPOSAL**

Do not contaminate water, feed, or food by storage or disposal. Open dumping prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL**

Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL**

For one gallon, and five gallon plastic containers, triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. For 30 and 55 gallon metal containers (a) reuse container and offer for reconditioning (b) triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.

**GENERAL**

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**I-Quat 256**  
**germicidal detergent**

**CLEANER-DISINFECTANT-DEODORIZER**  
**FUNGICIDE-VIRUCIDE\*-SANITIZER**  
with Organic Soil Tolerance for  
Hospitals and Institutional Use

**ACTIVE INGREDIENTS**

Octyl Decyl Dimethyl Ammonium Chloride .....	78%
Didecyl Dimethyl Ammonium Chloride .....	2%
Didecyl Dimethyl Ammonium Chloride .....	1%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) .....	1%
Dimethyl Benzyl Ammonium Chloride .....	5.000%
Tetrasodium Ethylenediamine Tetraacetate .....	3.420%

**INERT INGREDIENTS**

100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

See Left Panel Additional Precautionary Statements



E.P.A. Reg. No. 44486-2 E.P.A. Est. No. 44486-MI-1  
**I-CHEM LABORATORIES, INC.**, 6474 Russell Detroit, MI 48211  
Phone: (313) 872-0641

Net Contents: 1 GALLON

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ACCEPTED  
FEB 1  
Under the Fungicide, Virucide, and Sanitizer Act of 1972

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# Quat 256

## Alcidal detergent

**DISINFECTANT-DEODORIZER-ANTIBIOTIC-ANTIFUNGICIDE-VIRUCIDE-SANITIZER**  
 with Organic Soil Tolerance for  
 Hospitals and Institutional Use

Quaternary Chloride	100.00%
Sodium Chloride	10.75%
Calcium Chloride	5.000%
Sodium Chloride (10%)	3.420%
Sodium Trisacetate	84.080%
	100.00%

**OUT OF REACH OF CHILDREN**  
**DANGER**

Read Additional Precautionary Statements

E.P.A. No. 44486-2 E.P.A. Est. No. 44486-1  
**LABORATORIES, INC., 8474 Russell Detroit, MI 48211**  
 Phone: (313) 872-0641

Contents: 1 GALLON **56**

**ACCEPTED**  
 FEB 1 9 1981  
 Under the Food and Drug Administration Insecticide, Fungicide, and Rodenticide Act  
 Registered with EPA Reg. No. 44486-2

### Directions for Use

#### GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
 I-QUAT 256 is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply I-QUAT 256 to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a 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, I-QUAT 256 is also virucidal and fungicidal.

**SANITIZING**-To sanitize porous or non-porous, non-food contact surfaces, add 1/2 oz. per gallon of water.

1/2 oz. per gallon use-level: The broad spectrum activity of I-QUAT 256 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>Streptococcus faecalis</i>
<i>Staphylococcus aureus</i>	<i>Enterobacter aerogenes</i>	<i>Shigella dysenteriae</i>
<i>Salmonella choleraesuis</i>	<i>Salmonella schottmulleri</i>	<i>Brevibacterium ammoniagenes</i>
<i>Escherichia coli</i>		

**AOAC FUNGICIDAL TEST:** QUAT 256 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, I-QUAT 256 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>2</sub> (The Hong Kong Flu virus) on inanimate environmental surfaces.

**SANITIZING-NON-FOOD CONTACT SURFACES** (such as floors, walls, tables, etc.) At 1/2 oz. per gallon use-level, 30 second contact time, I-QUAT 256 is an effective sanitizing agent in waters of 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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