

**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 or absorbed through the skin. 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.

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



EPA Reg. No. 1658-25

EPA Est. No. 1658-MO-1

#163



**Q.T.<sup>4</sup>**

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

<b>ACTIVE INGREDIENTS:</b>	
Octyl decyl dimethyl ammonium chloride	3.256%
Dioctyl dimethyl ammonium chloride	1.628%
Didecyl dimethyl ammonium chloride	1.628%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	4.340%
<b>INERT INGREDIENTS:</b>	<b>89.148%</b>
<b>TOTAL</b>	<b>100.000%</b>

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

(See left panel for additional precautionary statements)

**NET: 1 U. S. GALLON OR 3.785 LITERS**

It is a violation  
 inconsistent

Q.T.<sup>4</sup> is a powerful virucide which is serum contaminant. Apply Q.T.<sup>4</sup> to tables, chairs, mop or mechanical areas, a preliminary solution becomes Disinfection - Treated surfaces virucidal, fungicidal, Sanitizing - To 1 oz. per 5% gallon and found to be effective in *Dilution test.*

*Pseudomonas*  
*Staphylococcus*  
*Salmonella*  
*Escherichia*  
*Streptococcus*  
*Klebsiella*  
 ADAC Fungicide  
 mentagrophytes  
 locker rooms, dormitories  
 Mold and Mildew  
 of mold and in porous surfaces  
 and repeat when necessary  
 \*Virucidal Perf  
 found to be effective on  
 mental surfaces  
 Sanitizing Non-per 5% gallon u  
 and Klebsiella

### DIRECTIONS FOR USE

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

Q.T.<sup>4</sup> is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply Q.T.<sup>4</sup> 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 the solution becomes visibly dirty.

**Disinfection** -- To disinfect hard, non-porous surfaces, add 1 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, Q.T.<sup>4</sup> is also virucidal, fungicidal and fungistatic.

**Sanitizing** -- To sanitize porous and non-porous, non-food contact surfaces, add 1 oz. per 5% gallons of water. Treated surfaces must remain wet for 60 seconds.

1 oz. per gallon use-level. The broad spectrum activity of Q.T.<sup>4</sup> has been evaluated and found to be effective against the following organisms by the AOAC Use-Dilution test.

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Salmonella schottmuelleri</i>
<i>Salmonella choleraesuis</i>	<i>Streptococcus faecalis</i>
<i>Escherichia coli</i>	<i>Shigella dysenteriae</i>
<i>Streptococcus pyogenes</i>	<i>Salmonella typhi</i>
<i>Klebsiella pneumoniae</i>	<i>Serratia marcescens</i>

**AOAC Fungicidal Test.** Q.T.<sup>4</sup> 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.

**Mold and Mildew Control.** At 1 oz./gallon, Q.T.<sup>4</sup> 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 1 oz. per gallon use-level, Q.T.<sup>4</sup> was evaluated and found to be effective against the Influenza A/Brazil Virus on inanimate environmental surfaces.

**Sanitizing Non-Food Contact Surfaces** (such as floors, walls, tables, etc.) At 1 oz. per 5% gallon use-level, Q.T.<sup>4</sup> is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces.

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### STORAGE AND DISPOSAL

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

-OPEN DUMPING IS 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

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE.

### GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

Manufactured by HILLYARD CHEMICAL CO., St. Joseph, MO 64502 U.S.A.

ACCEPTED  
FEB 12 1982  
EPA Reg. No. 1658-25



1658-MO-1

Industrial Use  
(as CaCO<sub>3</sub>)

- 3.256%
- 1.628%
- 1.628%
- 4.340%
- 88.148%
- 100.000%

ents)

ERS