

# Quat-256

Disinfectant/Sanitizer/Deodorizer/Virucide\*/Fungicide/Mildewstat

For Industry-Use



ACTIVE INGREDIENTS:

|  |         |
|--|---------|
| n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) |         |
| dimethyl benzyl ammonium chlorides   | 6.25%   |
| n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> )   |         |
| dimethyl ethylbenzyl ammonium chlorides  | 6.25%   |
| INERT INGREDIENTS  | 87.50%  |
| TOTAL  | 100.00% |

PRECAUTIONARY STATEMENTS  
 HAZARD TO HUMANS AND DOMESTIC ANIMALS  
**KEEP OUT OF REACH OF CHILDREN**

**DANGER:**

**CORROSIVE. CAUSES SEVERE EYE AND SKIN DAMAGE.**  
 Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

**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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin, or if these are not available, large quantities of water. Call a physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Diversey Corp. • Plymouth MI 48170 • 800 831 9889  
 24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect)  
 303 592 1024 • Transportation: (CHEMTREC) 800 424 9300

**Net Contents 55 Gal (208.2 L)**

PMS 298 • Size 17 x 8.5



### 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°F or higher than 120°F.

**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse empty container with water. Return 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, by incineration, 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 rinsate 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.

Quat-256 is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. Quat-256 has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance to controlling the hazard of cross contamination.

### DIRECTIONS FOR USE:

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

**EGG SANITIZING (Food Grade Only) -** Only clean, whole eggs can be used for sanitizing. Dirty, cracked, or punctured eggs cannot be sanitized. To sanitize previously cleaned shell eggs, apply a coarse spray of a solution of 1 fl. oz. Quat-256 per 4.9 gals. of water providing 200 ppm of quaternary. The sanitizer solution must be equal to or warmer than the eggs (100 - 120°F), but not to exceed 130°F. Spray eggs until thoroughly wet and allow to drain. Eggs sanitized with this product shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs must be reasonably dry before packaging or breaking. Do not reuse solution for egg sanitizing. Do not mix with soap or anionic detergents.

**SANITIZATION:** To sanitize previously cleaned and rinsed non-porous surfaces prepare 200 ppm active Quat-256 solution by adding 1 oz. to 4.9 gal. water.

#### Glasses-Dishes-Utensils

1. Scrape and pre-flush articles to be washed.
2. Wash in clean water using recommended product.
3. Rinse in clean running water.
4. Sanitize in Quat-256 solution containing 1 fl. oz. (2 tbs) per 4.9 gal. water (200 ppm active agent). Immerse all items for at least 2 minutes or for contact time specified by governing sanitary code. Test periodically with quaternary tester. When solution depreciates below 200 ppm or becomes visibly dirty, discard.
5. Air dry on a clean drain board.

#### Dairy—Beverage—Food Processing Equipment

1. Clean equipment immediately after use. Rinse with clean water. Wash with recommended product. Rinse with clean water. Air dry; protect from dust and dirt.
2. Sanitize immediately before reuse with Quat-256 solution containing 1 fl. oz. (2 tbs.) per gal. water (200 ppm active agent). Test periodically with quaternary tester. When solution depreciates below 200 ppm, or becomes visibly dirty, discard.

To sanitize immobile items (tanks, chopping blocks, counter tops), flood area with 200 ppm Quat-256 solution or apply solution with a cloth or sponge, completely wetting all surfaces for at least 1 min. Remove gross soil and clean surface with a recommended cleaner. Rinse with potable water. Remove liquid and allow to air dry. Prepare a fresh solution for each use. When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. At this level NO POTABLE WATER RINSE is required. Quat-256 is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO<sub>3</sub>).

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.



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ACCEPTED

APR 17

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 875-109

**DISINFECTION:** To disinfect hard inanimate surfaces such as walls and floors, add 1/2 oz. Quat-256 per gal. water. Apply solution with mop, cloth, sponge, or mechanical sprayer to wet thoroughly. Allow to remain wet for 10 minutes. Air dry.

**TO DISINFECT TOILET BOWLS:** Flush. Add 1/2 oz. Quat-256 directly to bowl water. Swab bowl completely (incl. under rim) using a brush or toilet mop. Let stand 10 min. Flush. For heavily soiled areas, a precleaning step is required. Prepare a fresh solution for each use. Quat-256 (diluted at the rate of 1/2 oz. per gal. water) is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, Quat-256 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, Quat-256 deodorizes 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.

**MILDEWSTAT:** To control mold and mildew on precleaned, hard non-porous surfaces (such as floors, walls, table tops) add 1/2 oz. Quat-256 per gal. 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 weekly or when mildew growth reappears.

**DISINFECTION:** At 1/2 oz. per gal. water, Quat-256 exhibits effective disinfectant activity against the following:

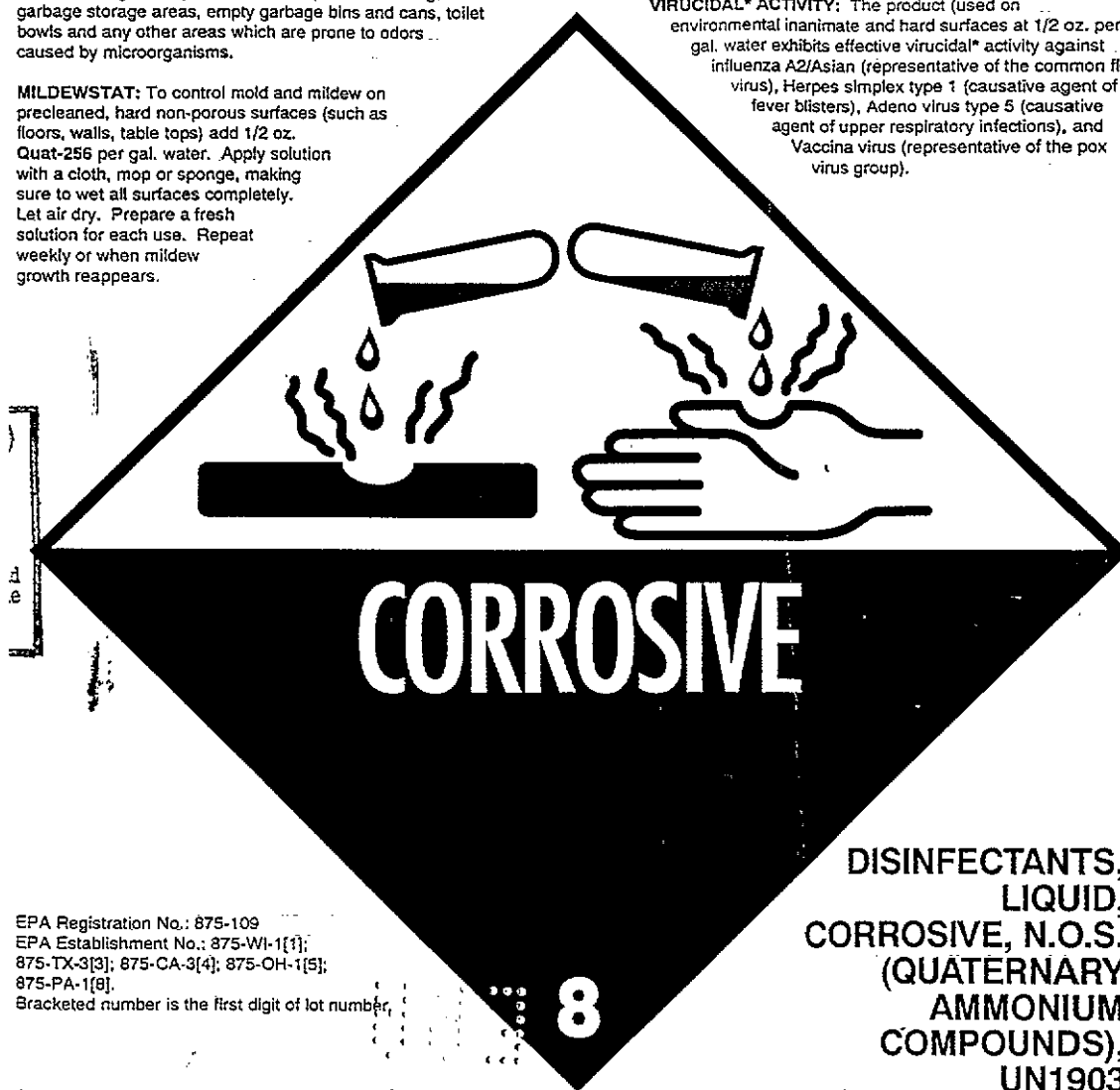
- Pseudomonas aeruginosa* PRD-10
- Brevibacterium ammoniagenes*
- Streptococcus faecalis*
- Klebsiella pneumoniae*
- Salmonella schottmuelleri*
- Salmonella choleraesuis*
- Streptococcus salivarius*
- Shigella dysenteriae*
- Enterobacter aerogenes*
- Staphylococcus aureus*
- Escherichia coli*

At this level, Quat-256 is also fungicidal against the pathogenic fungi *Trichophyton mentagrophytes*.

**EFFICACY TESTS HAVE DEMONSTRATED THAT QUAT-256 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE\* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM), MOLD AND MILDEWSTAT:**

Quat-256 prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

**VIRUCIDAL\* ACTIVITY:** The product (used on environmental inanimate and hard surfaces at 1/2 oz. per gal. water exhibits effective virucidal\* activity against influenza A2/Asian (representative of the common flu virus), Herpes simplex type 1 (causative agent of fever blisters), Adeno virus type 5 (causative agent of upper respiratory infections), and Vaccina virus (representative of the pox virus group).



EPA Registration No.: 875-109  
EPA Establishment No.: 875-WI-1[1];  
875-TX-3[3]; 875-CA-3[4]; 875-OH-1[5];  
875-PA-1[8].  
Bracketed number is the first digit of lot number.

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