



**Directions for Use**  
**GENERAL CLASSIFICATION**

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

Apply QUAT-379 with a cloth mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

**Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions:** For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

**Add 35 oz QUAT-379 to 4.5 gallons water.** Apply to previously cleaned hard surfaces. At this use level, QUAT-379 is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* in the presence of 5% blood serum when evaluated by the AOAC Use-Dilution test.

**\*Virucidal Performance:** At a 35 oz/4.5 gallon use level, QUAT-379 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Herpes simplex, Vaccinia, and Influenza A, (Hong Kong) on non-porous environmental surfaces.

**Disinfection in Institutions, Industry and Schools:** Add 2 oz of QUAT-379 to 4.5 gallons of water.

**Fungicidal Performance:** At 0.5 oz to 2.25 gallons of water use level, QUAT-379 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 and spa use facilities, utilizing the AOAC Fungicidal Test.

**Disinfection of Barber Tools:** Pre-cleaned barber tools (such as combs, brushes, razors and scissors) can be disinfected by immersing in a 0.5 oz/gallon solution of BARDAC-205-73.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels:** Poultry brooders, watering fountains, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 2 oz QUAT-379 to 4.5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

**Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations:** For sanitizing food processing equipment, dairy equipment, butchering tables, silverware, glasses, and table coverings, refrigerated storage and display equipment and other hard non-porous surfaces. No Potable water rinse is required.

Wash and/or pre-clean surfaces thoroughly, then apply a solution of 1 oz QUAT-379 to 4 gallons of water (1 1/2 quarts active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be reused for sanitizing applications.

Apply to the tops, countertops, refrigerated storage and display equipment and other stainless steel surfaces by cloth or brush or mechanical spray device. No Potable water rinse is required.

**Disinfecting Glassware:** Drinking vessels and other glass top food processing equipment can be sanitized by immersion in a 1 oz/4 gallon solution of QUAT-379. No Potable water rinse is required.

At 1 oz/4 gallons, QUAT-379 fulfills the criteria of Appendix F of the Code of Federal Regulations, 16 CFR 182.10, and the recommendations of the U.S. Public Health Service in waters up to 800 ppm of hardness calculated as CaCO<sub>3</sub>, when evaluated by the AOAC Germicidal and Disinfectant Standard Method against *Escherichia coli* and *Staphylococcus aureus*.

The odors, films and stains of dairy cases can be removed by washing with a solution of 1 oz QUAT-379 in 4 gallons of warm water. No Potable water rinse is required. Use a fresh load for each case. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used loads back into sanitizing solution. When solution becomes visibly dirty, discard and prepare fresh solution.

**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.

**Precautionary Statements**  
**Hazards to Humans and domestic animals**

**DANGER**

Keep out of reach of children. Corrosive. Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Do not breathe spray mist. Avoid contamination of food.

**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 RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

**GENERAL**

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

BEST DOCUMENT AVAILABLE

1363-42



QUAT - 379

**Fungicide-Virucide<sup>®</sup>-Deodorizer  
Disinfectant-Sanitizer**

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	2.250%
Didecyl dimethyl ammonium chloride	1.125%
Diocetyl dimethyl ammonium chloride	1.125%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>10</sub> , 10%) dimethyl benzyl ammonium chloride	3.000%

**Inert Ingredients**

**92.500%**

**100.000%**

**SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**EPA Registration No.**

1363-42

**EPA Establishment No.**

1363-Wi-1

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

**MANUFACTURED BY:**



3600 W Elm Street  
Milwaukee, Wisconsin

**BEST DOCUMENT AVAILABLE**

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAM REGISTRATION DIVISION (HII-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE MAR 13 1984
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide      and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (include ZIP code)	
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

e. The statement:

KEEP OUT OF REACH OF CHILDREN  
DANGER

must appear on the center panel. The center panel is where the product and ingredient statement is located.

f. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

g. Revise the statement:

Causes eye and skin irritation,

to read:

Cause eye damage and skin irritation.

h. The statement "FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY" must be at least the same type size as the "KEEP OUT OF REACH OF CHILDREN" statement (front panel).

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

*1-25*  
*1-21*  
John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

RD:DCR:31784:J. Lee:eg:Raven:557-2226:RD-14:3/1/84:del.3/16/84

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