



"The Quaternary Specialists"

Maquat MC1412 - 80% E
EPA No. 10324 - 14

The following information is intended only to indicate the broad spectrum activity of the product.

Maquat MC1412 - 80% E is designed for the formulation of disinfectants, sanitizers, and water treatment microbicides.

Chemical composition of Maquat MC1412 - 80% E:

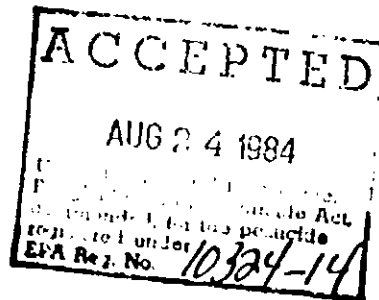
Active Ingredient:

Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chloride

Inert Ingredients

Total

80%
20%
100%



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

Maquat MC1412 - 80% E is effective against the representative gram-positive pathogen *Staphylococcus aureus*, the representative gram negative pathogen *Salmonella choleraesuis*, and the representative hospital pathogen *Pseudomonas aeruginosa* at the following A.O.A.C. use dilutions:

<i>Staphylococcus aureus</i>	400 ppm active quaternary
<i>Salmonella choleraesuis</i>	400 ppm active quaternary
<i>Pseudomonas aeruginosa</i>	1200 ppm active quaternary

Maquat MC1412 - 80% E is effective against *Staphylococcus aureus* and *Escherichia coli* as a sanitizer in 550 ppm hard water as tested by the A.O.A.C. Germicidal and Detergent-Sanitizer Method at 200 ppm quat. In addition to use on food processing equipment and utensils, Maquat MC1412 - 80% E may be used on food-contact surfaces in public eating places.

Maquat MC1412 - 80% E is in compliance with 21CFR & 178.1010 (b)(9) and (c)(6).

Maquat MC1412 - 80% E is designed for formulation of sanitizer-cleaners for use in restaurants and bars, dietary areas, dairy and poultry farms,

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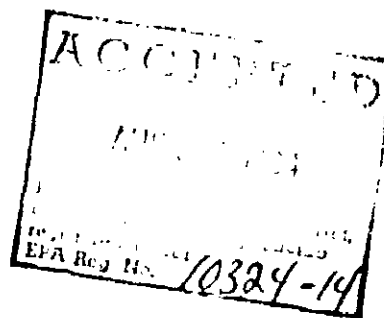
USDA inspected meat and poultry processing plants, and food processing plants such as:

For use in plants operating under the USDA Poultry, Meat, Rabbit, Shell Egg Grading, and Egg Products Inspection Programs. Maquat MC1412 - 80% E is for use in formulating sanitizers for use on all surfaces not always requiring a rinse. Before using these compounds, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of these compounds on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains which can adulterate or have deleterious effect on edible products. A potable water rinse is required following use of these compounds under conditions other than those stated above.

For use sanitizing dishes, silverware, glasses, and other food utensils at 200 ppm active. Maquat MC1412 - 80% E may be used on food contact surfaces in public eating places. Do not rinse with potable water.

Food eggs that have been sanitized with Maquat MC1412 - 80% E 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.

Formulators using this product are responsible for EPA registration and USDA authorization for their formulated products.



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