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# MAGNA Q-43

# COPY

**MAGNA**

**Introduces**

**A Powerful**

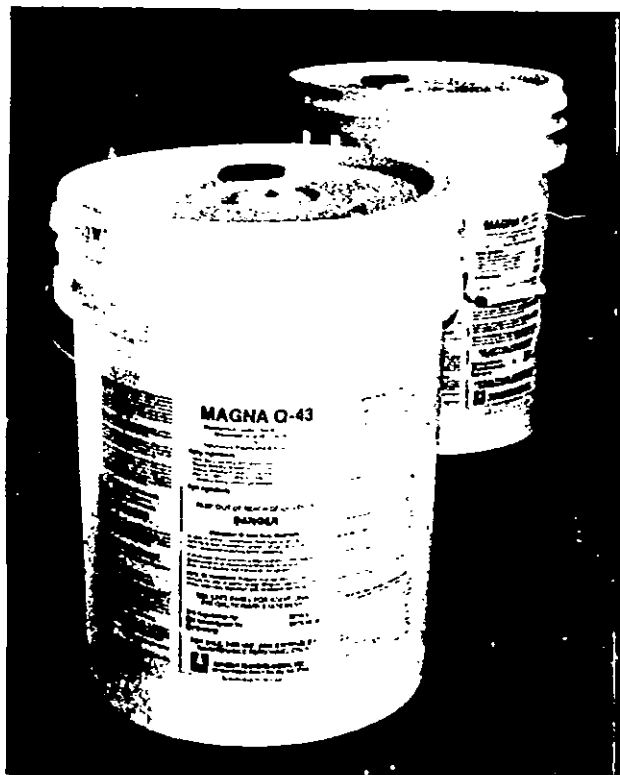
**Quaternary Ammonium**

**Disinfectant · Cleaner · Sanitizer · Fungicide**

**Mildewstat · Virucide\* · Deodorizer**

**For**

**Hatcheries, Poultry and Animal Facilities**



- \* **HATCHERY USE**  
Excellent hatchery disinfectant
- \* **ONE STEP**  
Contains detergent for cleaning and four twin chain quaternary ammonium
- \* **ECONOMICAL**  
Highly concentrated disinfectant contains 21.7% active quat. Recommended at a dilution of 1:256 (0.5 ounce per gallon of water) as hatchery, poultry and animal facilities disinfectant
- \* **HARD WATER/ORGANIC MATTER TOLERANCE**  
Highly effective in the presence of 400 ppm water hardness and 5% organic matter
- \* **BROAD SPECTRUM**  
Microbicidal against wide range of bacteria, virus, fungus and mold
- \* **\*VIRUCIDAL AGAINST INFLUENZA A/BRAZIL, HERPES SIMPLEX TYPES 1 AND 2 AND VACCINIA VIRUSES**
- \* **SANITIZING AGENT**  
EPA registered at 1:1408 dilution (0.5 ounce per 5 gallons of water) for sanitizing non-food contact surfaces

**ACCEPTED**

APR 02 1987

EPA Reg. No. 52779-1  
EPA Est. No. 52779-NC-01

Under the Federal Insecticide, Fungicide, and Fodenticide Act as amended, for the pesticide registered under EPA Reg. No. 52779-1

# MAGNA Q-43



## PRODUCT DESCRIPTION:

MAGNA Q-43 is a chemically balanced quaternary ammonium compound with a wide range of germicidal activities. It has been formulated specifically to prevent cross contamination in hatcheries and poultry and animal facilities.

## PHYSICAL PROPERTIES:

physical state: liquid  
odor: quat  
pH concentrate: 13.0  
pH of 1:256 dilution: 10.8  
(using distilled water)  
freeze and thaw stability: stable  
density: 10.08 pounds/gallon

## CHEMICAL PROPERTIES:

### Active Ingredients Include:

Octyl Decyl Dimethyl Ammonium Chloride  
Dioctyl Dimethyl Ammonium Chloride  
Didecyl Dimethyl Ammonium Chloride  
Alkyl (C<sub>11</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%)  
dimethyl benzyl ammonium chloride

### Inert Ingredients Include:

Chelating agents, detergent builders,  
surfactants, solvents, etc.

Contains No Phosphorus Compound

## STORAGE STABILITY:

No change in physical or chemical properties when stored at 50°C for more than 6 months

## CAUTION:

KEEP OUT OF REACH OF CHILDREN

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 re-wearing.

SEE THE LABEL FOR FIRST AID AND OTHER PRECAUTIONARY STATEMENTS

## APPLICATION AND DIRECTIONS FOR USE:

MAGNA Q-43 must be diluted for use. A 1:256 dilution of MAGNA Q-43 is recommended for disinfection and cleaning of non-porous surfaces. For exceptionally dirty surfaces, preliminary cleaning with MAGNA Q Detergent is required.

A 1:1408 dilution of MAGNA Q-43 is recommended for sanitizing non-food contact surfaces such as floors, walls, tables, etc.

## MICROBIOLOGICAL EFFICACY:

At 1:256 dilution (1/2 ounce per gallon) - yields 848 ppm active quaternary. MAGNA Q-43 will kill the following microorganisms using the A.O.A.C. modified Use Dilution test (other microorganisms as representative of many poultry and animal viruses were tested by the same procedure):

### Gram negative bacteria:

*Salmonella choleraesuis*  
*Salmonella typhi*  
*Escherichia coli*  
*Klebsiella pneumoniae*  
*Enterobacter aerogenes*  
*Shigella dysenteriae*  
*Pseudomonas aeruginosa*

### Gram positive bacteria:

*Staphylococcus aureus*  
*Streptococcus faecalis*  
*Streptococcus pyogenes*

### Fungus and Molds:

*Aspergillus niger* (Mold and Mildew)  
*Trichophyton mentagrophytes* (Pathogenic Fungi)

### Virus:

*Herpes simplex, Types 1 and 2* (representative of herpes viruses)  
*Vaccinia* (representative of pox viruses)  
*Influenza A/Brazil* (representative of myxoviruses)

## DILUTION AND MIXING CHART:

STRENGTH	1 GALLON	5 GALLONS	100 GALLONS
1:256	1/2 ounce	2.5 ounces	50 ounces
1:1408		0.5 ounces	10 ounces

Please Take The Time To Read The Product Label Carefully

