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MAGNA Q-43

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 and EPA registered at 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 bacteria, virus, fungus and mold
- * **KILLS INFLUENZA VIRUS AND OTHER POULTRY AND ANIMAL VIRUSES**
- * **SANITIZING AGENT**
EPA registered at 1:1408 dilution (0.6 ounces per 5 gallons of water) for sanitizing non-food contact surfaces

ACCEPTED

DEC 05 1986

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

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

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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 (C₁₄, 50%; C₁₂, 40%; C₁₆, 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 sur-
faces. For exceptionally dirty surfaces,
preliminary cleaning with MAGNA Q
detergent is required.
A 1:1408 dilution of MAGNA Q-43 is recom-
mended for sanitizing non-food contact sur-
faces 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
Trichophyton mentagrophytes

Virus:

Herpes simplex, Type 1 (Marek's disease virus)
Vaccinia (pox viruses)
Influenza A/Hong Kong

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

