

MAGNA Q-25 is a Quaternary ammonium with a wide range of germicidal activities. It is effective against a broad spectrum of bacteria, and is virucidal and fungicidal, including effectiveness against many infectious agents which are pathogenic to poultry and animals.

For disinfection, virucidal, and fungicidal activity, the recommended dilution is 1.25% (1/4 ounce of MAGNA Q-25 to one gallon of water). For sanitizing against bacteria on non-food contact surfaces, the recommended dilution is 1.833 (1-1/3 ounces of MAGNA Q-25 to 2 gallons of water).

Cross contamination in the hatcheries, poultry and animal facilities is a major problem.

MAGNA Q-25 is a one-step disinfectant-cleaner-sanitizer that is effective against a broad spectrum of bacteria, is virucidal, fungicidal against pathogenic fungi, and will prevent the growth of mold and mildew and their odors when used as directed.

Precautionary Statements
Hazard to Humans
and Domestic Animals

DANGER

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

Storage and Disposal

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid breathing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of insecticide 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.

CONTAINER DISPOSAL

Recycle (if available) or equivalent. Then offer for recycling or incineration or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, burning. If burned, stay out of smoke.

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Made in the USA

MAGNA Q-25

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide*-Deodorizer
for

Hatcheries, Poultry and Animal Facilities

Active Ingredients

Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Diocetyl Dimethyl Ammonium Chloride	1.875%
Didecyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	5.000%
	87.500%
	100.000%

Inert Ingredients

ACCEPTED
APR 1 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registers under EPA Reg. No. 52779-2

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 re-wearing.

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 convulsions may be needed.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No.

EPA Establishment No.

52779-NC-01

Net Contents

FOR SALE, FOR USE, AND STORAGE BY
MAINTENANCE PERSONNEL ONLY

MANUFACTURED BY:

ABRAM PHARMACEUTICAL, INC.

P.O. Box 13588 • Research Triangle Park, N.C. 27709

Biotechnology for the Future

DIRECTIONS FOR USE

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

MAGNA Q-25 is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide which is effective in presence of 5% organic contamination.

Apply MAGNA Q-25 to walls, floors and other hard (inanimate) non-porous surfaces such as incubators, hatches, trays, buggies, tables, chairs, countertops, sinks, tile, porcelain, and equipment with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection. To disinfect hard, non-porous surfaces, add 1/4 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of MAGNA Q-25 has been evaluated in the presence of 5% serum by the AOAC Use Dilution test and found to be effective against a broad spectrum of Gram negative and Gram positive bacteria pathogenic to humans, poultry and animals as represented by:

<i>Pseudomonas aeruginosa</i>	<i>Shigella dysenteriae</i>
<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>
<i>Escherichia coli</i>	<i>Breitbartium ammonigenes</i>
<i>Klebsiella pneumoniae</i>	<i>Enterobacter aerogenes</i>
<i>Salmonella schottmulleri</i>	<i>Streptococcus faecalis</i>

Fungicidal Control. MAGNA Q-25 is an effective fungicide against fungi pathogenic to humans, poultry and animals as represented by *Trichophyton mentagrophytes* when used on surfaces in areas such as hatcheries, incubators, egg rooms, washing rooms, etc at 1/4 oz. per gallon.

Mold and Mildew Control. At 1/4 oz. per gallon, MAGNA Q-25 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance. At 1/4 oz. per gallon use-level, MAGNA Q-25 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A2/Hong Kong (representative of many human, poultry and animal myxomatosis), Herpes Simplex Type 1 (representative of many human, poultry and animal herpes viruses), and Vaccinia (representative of many human, poultry and animal pox viruses) on inanimate environmental surfaces.

Sanitizing Non-Food Contact Surfaces (hard, nonporous surfaces such as floors, walls, tables, etc.) At 1/4 oz. per 2 gallon use-level, MAGNA Q-25 is an effective sanitizer against bacteria pathogenic to humans, poultry and animals as represented by *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

POULTRY AND ANIMAL PREMISES AND HATCHERY DISINFECTION

Directions for use: The following label directions are required for poultry and animal premises and hatchery disinfectants to permit their classification as non-food use products:

1. Remove all poultry, animals and feed from premises, vehicles and enclosures.
2. Remove all litter, droppings and manure from floors, walls, and surfaces occupied or traversed by poultry or animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Clean all surfaces with soap or detergent to remove gross filth or heavy soil and rinse thoroughly with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse portable equipment and small items used with poultry and animals.
7. Ventilate buildings, coops, vehicles and other closed spaces and do not house poultry or animals or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub all treated feeding and watering appliances with soap or detergent, and rinse with potable water before reuse.