

OCT 1 1986

Magna Technologies, Inc.
102 West Dolphin Street
Siler City, NC 27344

Attention: Ashley A. Ansari, D.V.M., Ph.D.

Gentlemen:

Subject: Magna Q-21
EPA Registration No. 52779-3
Your Submission Dated August 8, 1986

The submission referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below (to the technical bulletin) before you release the product for shipment bearing this technical bulletin.
 - a. On the front right panel the word Virucide must have an asterisk after it, keying the claim to the heading "Kills Influenza Virus and Other Poultry and Animal Viruses."
 - b. Replace the claim "Kills Influenza Virus and Other Poultry and Animal Viruses" with specific viruses such as "*Virucidal against Influenza A/Brazil, Herpes Simplex Type 1, and Vaccinia."
 - c. Delete "MILD to hands and skin of employees when used as recommended in hatcheries and on non-food contact surfaces." This is an implied safety claim and is not acceptable.
 - d. Change STOP CROSS CONTAMINATION IN ALL AREAS USED to read "AIDS IN THE REDUCTION OF CROSS CONTAMINATION IN AREAS USED."
 - e. On the back panel replace CAUTION with the correct signal word DANGER.

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CONCURRENCES

SYMBOL ▶	SURNAME ▶	DATE ▶						

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2. Submit five (5) copies of your corrected printed technical bulletin before you release the product for shipment.

Your release for shipment of the product bearing the amended technical bulletin constitutes acceptance of these conditions.

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

Sincerely yours,



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

Enclosure

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MAGNA Q-21

MAGNA
Introduces
An Effective
Sanitizer-Deodorizer

Disinfectant · Cleaner · Sanitizer
Fungicide · Mildewstat · Virucide · Deodorizer
For
Hatcheries, Poultry and Animal Facilities

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

OCT 01 1986

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

52779-3

BEST AVAILABLE COPY

EPA REG. NO 52779-3
 EPA EST. NO 52779-NC-01

- * **ONE STEP**
 MAGNA Q-21 is a proven "one-step" disinfectant - cleaner - sanitizer - fungicide - mildewstat - virucide
- * **ECONOMICAL**
 For disinfection, the recommended dilution is 1:128. For sanitizing non-food contact surfaces, the recommended dilution is 1:700
- * **HARD WATER/ORGANIC MATTER TOLERANCE**
 Effective in water up to 400 ppm hardness in the presence of 5% organic contamination
- * **MILD**
 Mild to hands and skin of employees when used as recommended in hatcheries and other non-food contact surfaces
- * **DEODORIZES**
 Controls odor in the hatcheries and food processing areas
- * **KILLS INFLUENZA VIRUS AND OTHER POULTRY AND ANIMAL VIRUSES**
- * **STOPS CROSS CONTAMINATION IN ALL AREAS USED**

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MAGNA Q-21



PRODUCT DESCRIPTION:

MAGNA Q-21 is a quaternary ammonium formula with broad spectrum germicidal activities against bacteria, fungus, virus and mold.

PHYSICAL PROPERTIES:

physical state:	Liquid
odor:	fresh/clean
pH concentrate:	12.9
pH of 1:128 dilution:	10.4
(using distilled water)	
freeze and thaw stability:	stable
density:	10.14 pounds/gallon

CHEMICAL PROPERTIES:

Active Ingredients Include:

- Octyl Decyl Dimethyl Ammonium Chloride
- Dioctyl Dimethyl Ammonium Chloride
- Didecyl Dimethyl Ammonium Chloride
- Alkyl (C₁₁, 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 rewearing.

SEE THE LABEL FOR FIRST AID AND OTHER PRECAUTIONARY STATEMENTS

APPLICATION AND DIRECTIONS FOR USE:

HATCHERIES:

Apply MAGNA Q-21 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. Use 1 ounce of MAGNA Q-21 per 1 gallon of water (1:128). For heavily soiled areas, a preliminary cleaning is required. NOTICE: Prepare a fresh solution daily or when diluted disinfectant becomes visibly dirty.

FOOD PROCESSING AREA:

For sanitizing non-food contact surfaces (hard nonporous surfaces such as floors, walls, tables, etc.), at 1 ounce per 5½ gallons use-level (dilution 1:700), MAGNA Q-21 is an effective sanitizer against many microorganisms pathogenic to humans. Treated surfaces must remain wet for 60 seconds.

EGG SANITATION:

MAGNA Q-21 is an excellent sanitizing agent for egg shell surfaces of hatching eggs. Use 1 ounce per 5½ gallons of water. Apply this solution with mist sprayer to hatching eggs as they are gathered. Thoroughly wet the entire shell.

POULTRY AND ANIMAL PREMISES:

MAGNA Q-21 can be used to disinfect poultry and animal premises at 1 ounce per 1 gallon of water.

DILUTION AND MIXING CHART:

STRENGTH	5 GALLONS	10 GALLONS	100 GALLONS
1:128	5 ounces	10 ounces	100 ounces
1:700	1 ounce	2 ounces	20 ounces

Please Take The Time To Read The Product Label Carefully

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