

7048-2

04/17/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Edmar Chemical Company
P.O. Box 598
Chagrin Falls, OH 44022

APR 17 2000

Subject: Bio-Magic Rinse Powder
EPA Registration No. 7048-2
Amendment Date: 12/23/99
EPA Receive Date: 12/30/99

Attention: Mr. Jack Binder

The amendment referenced above, submitted in connection with registration under FIFRA, as amended, to update product label is acceptable provided you address the following comments before you release this product for shipment.

The claim, "renders treated fabric bacteriostatic against *S. aureus* and antibiotic resistant strains of *Streptococcus pyogenes*", is unacceptable because "Bacteriostat" is a non-public health claim typically associated with inhibiting the growth of odor causing bacteria and mold/mildew. *S. aureus* and antibiotic resistant strains of *Streptococcus pyogenes* are public health organisms that are associated with infectious diseases. "The Agency requires that products bearing label claims of effectiveness against specific infectious microorganisms must eliminate those microorganisms, or significantly reduce their numbers, and NOT merely inhibit their growth. Mere growth inhibition (bacteriostatis) cannot be considered where microorganisms of public health concerns are involved" (See Attachment). You will need to delete the organisms, *S. aureus* and antibiotic resistant strains of *Streptococcus pyogenes* from the label until you provide efficacy data showing this product's effectiveness as a laundry additive sanitizer and/or disinfectant against them.

Also, you should note that the claim, "Provides continuous ANTIBACTERIAL activity on treated fabric." will also need to be either supported by efficacy data when you amend your label adding public health organisms or deleted. The Agency suggests that you contact us regarding the appropriate efficacy data protocol for this type of claim.

The Agency is unclear in regard to the submitted primary skin irritation study. The study represents a product's concentration diluted to 0.144%. What formulation is being diluted? Is

CONCURRENCES							
SYMBOL	75702						
SURNAME	Canfield						
DATE	4/17/00						

BIO-MAGIC RINSE™

Powdered Fabric Softener-Bacteriostat

EPA REG. NO. 7048-2 • EPA EST. NO. 36522-OH-01

ACTIVE INGREDIENTS: n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) Dimethyl benzyl ammonium chloride..... 2.5%
n-Alkyl (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈) Dimethyl ethylbenzyl ammonium chloride..... 2.5%
OTHER INGREDIENTS:..... 95.0%
TOTAL:..... 100.0%

Keep Out of Reach of Children – DANGER

ACCEPTED
with COMMENTS
in EPA Letter Dated:

EDMAR CHEMICAL COMPANY

CLEVELAND, OHIO • 1-800-678-7012

APR 17 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 7048-2

Precautionary Statements
Hazards To Humans & Domestic Animals.
Keep Out of Reach of Children

DANGER

Corrosive. Causes irreversible damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or face shield), rubber gloves and protective clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

For Commercial & Institutional use only.

LOT #: 8124

100 lbs.

FIRST AID

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Storage: Store in original container. Keep from freezing. Keep away from heat or flame.
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate, 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: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated, dispose of in the same manner.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Provides continuous ANTIBACTERIAL activity on treated fabric.

DIRECTIONS FOR USE

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

Use 1.5 ozs. per 100 lbs. of fabric, dry weight, in the final warm rinse cycle, at a low water level. Run for a minimum of 8 minutes. **DO NOT USE IN THE PRESENCE OF OTHER CHEMICALS OR PREMIX WITH OTHER CHEMICALS.**

BIO-MAGIC RINSE™ is a special treatment to be used as an adjunct to standard laundering routine. It is not intended as a terminal disinfectant for fabric or hard surfaces.

WHEN USED AS DIRECTED

BIO-MAGIC RINSE™ renders treated fabric bacteriostatic against Staphylococcus aureus; arrests the growth of antibiotic resistant strains of Streptococcus pyogenes.

BIO-MAGIC RINSE™ softens fabrics, provides production benefits in various stages of laundering, and extends fabric life by lubricating fibers.

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