

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 20 1995

Edmar Chemical Company
P.O. Box 598
Chagrin Falls, Ohio 44022-0598

Attention: Jack Binder

Subject: Endew
EPA Registration No. 7048-8
Amendment Dated June 7, 1995

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided that you make the following labeling changes:

- 1. Include the following heading above the word DANGER on the right panel:

Precautionary Statements
Hazard To Humans and Domestic Animals

- 2. Change the heading "First Aid" to "Statement of Practical Treatment".
- 3. Change the "If swallowed . . . quantities of water." to read "If swallowed, drink promptly a large quantity of water."
- 4. Include the following misuse statement "It is a violation of federal law to use this product in a manner inconsistent with its labeling." immediately below the heading "Directions For Use".
- 5. Change the statement "It prevents musty odors . . ." to read "It controls musty odors . . .".
- 6. Any pesticide product that may be contained in an effluent discharged to the waters of the United States or municipal sewer systems is required to include the hazard statement below on its labeling. Such products include but are not limited to large scale commercial and institutional end use (such as hospitals). Include the following statement on your container label:

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SYMBOL							
SURNAME							
DATE							

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 Pollutant 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."

- 7. Move the ingredient statement so that it appears just below the product name. Immediately following the ingredient statement include the following signal word and child hazard warning statement warnings:

DANGER
Keep Out Of Reach Of Children

The following table shows the minimum type size requirements for the front panel warning statements on various sizes of labels:

Table with 3 columns: Size of label front panel in square inches, Required *signal word, all capitals, and **"Keep out of reach of children". Rows include sizes from 5 and under to over 30.

(*DANGER, WARNING, or CAUTION) (**same for Storage & Disposal heading)

A stamped copy of your updated product labeling is enclosed for your records. Submit five copies of final printed labeling before shipping.

Sincerely yours,

Handwritten signature of Marion Johnson
Marion Johnson
Product Manager 31
Antimicrobial Programs Branch
Registration Division (7505C)

**FABRIC
MILDEW
INHIBITOR**

ENDEW

EPA EST. NO. 07048-OH-1

EPA REG. NO. 7048-B

FOR COMMERCIAL AND INSTITUTIONAL USE

ENDEW is based on a highly-active Twin-Chain quaternary ammonium compound. It prevents musty odors and discoloration on all fabrics due to molds, mildew, and fungi. At the same time, ENDEW will sanitize the fabric and impart a residual self-sanitized and residual bacteriostatic finish to the laundered article.

The mildew inhibition of ENDEW lasts of least four weeks when used as directed. It is designed for commercial and institutional laundry use by addition to the final rinse or sour step. Fabric may also be preserved against mildew by soaking in a solution of ENDEW. For recommended solution concentration, see Use Directions.

The laundering of fabric may not eliminate the pathogenic bacteria commonly found in soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel. These bacteria can survive commonly used laundering procedures and remain in finished "clean" fabrics. ENDEW, when used at recommended levels, will sanitize such fabrics. Sanitizing is defined as a greater than 99.9% reduction in bacteria count on contaminated fabric.

At the same time, ENDEW imparts to the laundered, sanitized fabric a residual self-sanitizing and residual bacteriostatic finish. This finish will effectively protect the fabric against rapid bacterial growth caused by moisture and wet contamination. The residual bacteriostatic action of ENDEW inhibits the growth of bacteria. Its residual self-sanitizing activity reduces the number of bacteria from wet contamination.

All of the above beneficial activity—mildew protection—sanitizing—residual self-sanitizing—residual bacteriostatic occur when the fabric is treated as directed.

ENDEW is economical because it is concentrated. Handle with care.

USE DIRECTIONS

MILDEW CONTROL

FOR 2-WEEK PROTECTION, use ½ oz. per CWT of fabric (dry weight).

FOR 3-WEEK PROTECTION, use 1¾ oz. per CWT of fabric (dry weight).

FOR 30 DAYS (OR MORE) PROTECTION, use 2¼ oz. per CWT of fabric (dry weight).

BACTERIAL CONTROL

At this use-level, ENDEW imparts to the fabric a residual self-sanitizing and residual bacteriostatic finish. This activity has been confirmed against *Klebsiella pneumoniae* ATCC No. 4352 and *Staphylococcus aureus* ATCC No. 8538.

*At this use-level, ENDEW sanitizes and imparts to the fabric a residual self-sanitizing and a residual bacteriostatic finish. These activities have been confirmed against *Klebsiella pneumoniae* ATCC 4352 and *Staphylococcus aureus* ATCC No. 8538.

Dilute the appropriate amount of ENDEW in one or two gallons of water; then add to the wash in the final rinse. Retreat as necessary.

ACTIVE INGREDIENT:	
Didecyl Dimethyl Ammonium Chloride	50%
INERT INGREDIENT	50%
	100%

Use under dry or wet contamination conditions. See left panel for further comments.

EDMAR CHEMICAL COMPANY

CLEVELAND, OHIO 44105

NET CONTENTS—55 GALS.

BEST COPY AVAILABLE

Keep out of
Corrosive. Causes
Do not get in eyes,
goggles or face
handling. Harmful
contamination of

FIRST AID:
In case of contact
with plenty of water
eyes, call a physician
taminated clothing

If swallowed, drink
milk, egg whites,
not available, drink
Avoid alcohol. Call

NOTE TO PHYSICIAN:
Probable mucous
the use of gastric
culatory shock, re
vulsion may be n

STORAGE

Do not contaminate
age or disposal.
creasing or impac

PEST

Pesticide wastes
excess pesticide,
violation of Feder
be disposed of by
tions, contact you
mental Control Ag
representative of f
for guidance.

CONT

Triple rinse empty
pose of in a sink
If allowed by state
ing. If burned, str

JUN 20 1995
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 registered under EPA Reg. No.
 7048-B