

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 18 1994

Ann Vu
Calgon Vestal Laboratories
Division of Calgon Corporation
PO Box 147
St. Louis, MO 63166

Subject: Environ D
EPA Registration No. 1043-14
Your Amendment Dated March 31, 1993

Dear Ms. Vu:

This is in response to your labeling amendment for additional bactericidal efficacy claims.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records.

1. On the Right Panel, in the first line of the first paragraph, replace the word "powerful" with "effective" (as per PR Notice 93-6).

2. On the Left Panel, revise the "If swallowed" statement to read, "If swallowed, do not induce vomiting, drink promptly a large quantity of water. Avoid alcohol. Call a physician immediately."

3. Submit five copies of the finished labeling before the product is released for shipment bearing the amended labeling.

Your submitted efficacy studies (MRID Numbers 427281-01 and 427281-02) are acceptable in support of the revised labeling.

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

2 3 5

2

If you have any questions about these comments, please call Wallace Powell at 703-305-6938.

Sincerely,



Ruth G. Douglas
Product Manager 32
Antimicrobial Program Branch
Registration Division (7505C)

Enclosure



Environ-D®

EPA Reg. No. 1043-14

PHENOLIC • DISINFECTANT

ACTIVE INGREDIENTS:

potassium o-benzyl-p-chlorophenate	5.57%
potassium p-tertiary amyphenate	5.52%
potassium o-phenyphenate	5.51%

INERT INGREDIENTS83.4%

KEEP OUT OF REACH OF CHILDREN

DANGER

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 18 1994

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

Statement of Practical Treatment

In case of eye contact, flush with water for 15 minutes. Get medical attention. For skin contact, flush thoroughly with water. See side panel for additional precautionary statements, and first aid.

NET CONTENTS: 1 U.S. Gal. (3.78 liters)

4 9 5

Environ-D

RIGHT PANEL

Environ-D Phenolic Disinfectant is a powerful germicide for disinfecting and deodorizing pre-cleaned farm and poultry buildings, equipment, animal confinement and rearing areas, and veterinary facilities. A 1/2% solution kills pathogenic bacteria and fungi such as Staphylococcus aureus, Pseudomonas aeruginosa, Salmonella enteritidis, Salmonella sp. serovar pullorum, Salmonella choleraesuis, Trichophyton mentagrophytes, Mycobacterium tuberculosis and is virucidal* against Influenza A₂ [Hong Kong], Herpes simplex Type 1, Adenovirus Type 2, Vaccinia and Hog cholera virus on hard inanimate environmental surfaces.

GERMICIDAL QUALIFICATION: A.O.A.C. Use Dilution Confirmation, 10 minutes at 20° C when diluted at 1:200.

TUBERCULOCIDAL ACTIVITY TEST: A.O.A.C., M. tuberculosis (BCG); effective in 10 minutes at 20° C when diluted at 1:200. Remove heavy soil and gross filth and thoroughly clean surfaces.

FUNGICIDAL TEST: A.O.A.C., T. mentagrophytes, effective in 10 minutes at 20° C when diluted at 1:200.

***VIRUCIDAL ACTIVITY:** Use dilution confirmation, effective in 10 minutes at 20° C when diluted at 1:200.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Pesticide Disposal: This germicide, its solutions or rinsings from empty containers should be disposed of in a toilet or service sink served by sanitary sewer or in a landfill approved for pesticides.

Container Disposal: Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary land fill or by other approved state and local procedures.

General: Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning. If frozen, thaw and remix before use.

Calgon Vestal Laboratories
Division of Calgon Corporation
Subsidiary of Merck & Co., Inc.
St. Louis, MO 63133

ACCEPTED
with COMMENTS
in EPA Letter Dated
AUG 18 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, fr. the pesticide
registered under EPA Reg. No.
1043-14

Precautionary Statements.
Hazard to Humans and Domestic Animals:

575

Environ-D --

Left Panel

DANGER

Corrosive to tissues. Causes eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles and rubber gloves when handling. Avoid contamination of food. Do not use, pour, spill or store near fire or open flame.

FIRST AID: 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 reuse. If swallowed, do not induce vomiting, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available drink large quantities of water and call a physician immediately. **Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

DIRECTIONS FOR USE

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

Disinfecting Washable Hard Surfaces: This product is a concentrate and must be diluted for use. A 1/2% solution (1/2 ounce per gallon of water) is recommended for all disinfecting applications. Apply by wiping, mopping, spraying with a coarse spray or scrubbing to wet surfaces thoroughly with the use-solution. Allow the surface to remain wet for 10 minutes. Remove excess solution with a wrung-out applicator. Discard solution when soiled and replace with a fresh solution. Pre-clean and rinse all heavily soiled surfaces before disinfection. Always remove heavy soils and gross filth before applying solutions of this product.

When cleaning and disinfecting animal, poultry or veterinary facilities, first remove all livestock from the premises, cover or remove all feed and foodstuffs, and remove all dirt, litter and debris. Thoroughly clean all surfaces with soap or detergent and rinse with water. Then thoroughly saturate all pre-cleaned surfaces with use-solution. Allow the surfaces to remain wet for 10 minutes. (Wash all feeders and waterers with a detergent, then rinse with potable water before reuse.) Ventilate buildings, coops, and other closed spaces and allow disinfected surfaces to dry before rehousing livestock. Do not use in milking stalls, milking parlors, or milk houses. This is a complete product. Use only as directed. Do not add other chemicals.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
AUG 18 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
1043-14

DILUTION TABLE

Quantity of Environ D Concentrate to make 1/2% Use Dilutions		
Water	1 Gallon	5 Gallons
Concentrate	1/2 fl. oz.	3 1/2 fl. oz.

6388-06B

EPA Est. 1043-MO-1

BEST AVAILABLE COPY