

PH 32 1043-14  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1 of 5

NOV 21 1989

Calgon Vestal Laboratories  
Calgon Corporation  
Subsidiary of Merck & Company, Inc.  
P.O. Box 147  
St. Louis, MO 63166

Attention: Michael Ebers  
Regulatory Specialist

**BEST AVAILABLE COPY**

Gentlemen:

Subject: Response to Tuberculocidal Data Call-In Notice  
Environ D  
FPA Registration No. 1043-14  
Your Submission Dated July 29, 1989

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

1. Make the following revisions before you release the product for shipment bearing the amended labeling:
  - a. On the left panel, change First Aid to Statement of Practical Treatment. If you wish, you may include "First Aid" in parenthesis after "Statement of Practical Treatment." (Note that this revision should be made on all of your other product labels when new labels are printed.)
  - b. Revise the ingestion statement to read "If swallowed, do not induce vomiting, drink promptly a large quantity of water. Avoid alcohol. Call a physician immediately."
2. Submit the final printed labeling for inclusion in the product file.

57279;I:Douglas:K-10:KENCO:11/17/89;01/03/90;ka:ew;vo:dg

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

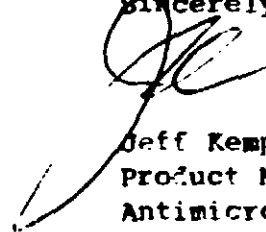
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Your release for shipment of the product bearing the amended label line constitutes acceptance of these conditions.

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

Sincerely yours,



Jeff Kempter  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

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PM 22- 1043-14

3 of 5

Environ-D -- Center Panel



# Environ-D<sup>®</sup>

EPA Reg. No. 1043-14

**PHENOLIC • DISINFECTANT**

**ACTIVE INGREDIENTS:**

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

**INERT INGREDIENTS** ..... 83.4%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

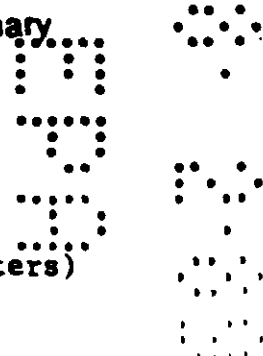
ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 21 1989

1043-14

**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)



Precautionary Statements  
Hazard to Humans and Domestic Animals:

1075

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.

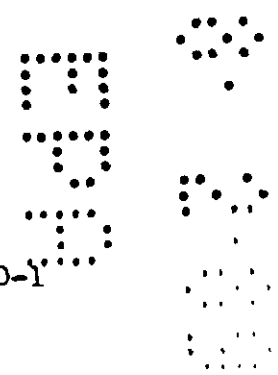
REGISTERED  
TRADE MARK

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.

1073-14

**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.



# ENVIRON-D

54:

## 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 choleraesuis*, *Trichophyton mentagrophytes*, *Mycobacterium tuberculosis* and is virucidal\* against Influenza A<sub>2</sub>[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 a 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.

ACCEPTED  
WITH COMMENTS  
NOV 21 1968

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1043-14

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