

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 30 1997

ConvaTec, a Div. of E.R. Squibb & Sons, Inc.  
P.O. Box 147  
St. Louis, MO. 63166

Attention: Michael G. Saril  
Regulatory Specialist

Subject: 1-Stroke Environ  
EPA Registration Number 1043-26  
Your Amendment Dated December 4, 1996

This letter is to acknowledge receipt of your updated Confidential Statement of Formula (CSF) which complies with PR Notice 91-2 and change the active ingredients from "Sodium salt of phenolic to phenolic" and revised labeling.

The revised Confidential Statement of Formula dated December 4, 1996 is in compliance with PR Notice 91-2, and it agrees with the revised label and is acceptable.

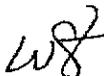
In the revised label under the ingredient statement, change the percentage of Inert Ingredients from 77.5% to 79.5% so that the total percentage of all active and inert ingredients would be 100%.

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the final printed label prior to release of the product for shipment bearing the amended label,

If you have any questions concerning this letter, please contact Zenobia Jones at (703) 305-6653.

Sincerely,



Walter Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (7505C)

SYMBOL	7505C						
SURNAME	Z. Jones						
DATE	1-29-97						

2044

11/27/96

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# 1-STROKE ENVIRON®

U.S. PATENT NO. 3,538,217  
EPA REG. NO. 1043-26 EPA Est. No. 1043-MO-1  
Germicide • Fungicide • Tuberculocide  
• Virucide\* • Deodorant

### ACTIVE INGREDIENTS:

o-phenylphenol .....	10.0%
o-benzyl-p-chlorophenol .....	8.5%
p-tertiary-amylphenol .....	2.0%
INERT INGREDIENTS .....	77.5%

## KEEP OUT OF REACH OF CHILDREN

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

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 water. Avoid alcohol. 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.

**ACCEPTED**  
**with COMMENTS.**  
EPA Letter Dated:  
**JAN 30 1997**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.  
**1043-26**

NET CONTENTS:

**ConvaTec**  
Division of E.R. Squibb & Sons, Inc.  
St. Louis, MO 63110

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**PRECAUTIONARY STATEMENTS**  
**Hazard to Humans and Domestic Animals**  
**DANGER**

Read carefully the following statement which applies to the contents of this container: 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.

**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 and deposit in a waste container for incineration or disposal in a landfill approved for pesticide containers.

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

**DIRECTIONS FOR USE**

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

For use on all washable precleaned, hard environmental nonporous surfaces including tuberculous areas, use a 1:256 (one-half fluid ounce/gallon of water) solution. For accurate solution preparation, use Calgon Vestal's 1-Stroke Dispenser (one stroke delivers one-half fluid ounce of product). This is a complete product. Do not add other chemicals. Use only as directed.

**CLEANING AND DISINFECTING ANIMAL AND POULTRY FACILITIES** - Do not use in milking stalls, milking parlors, or milk houses. Cover or remove all food, feedstuffs, packaging material, and animals. Remove all dirt, litter and debris from surfaces to be disinfected. Thoroughly clean all surfaces with soap or detergent and rinse with water. Apply use solution with a sponge, mop or coarse spray to thoroughly wet all surfaces. Allow the surface to remain wet for 10 minutes and remove excess solution with a wrung-out applicator. Discard solutions when they become soiled and replace with a fresh solution of this product. Wash all feeders and waterers with a detergent and rinse with potable water before reuse. Ventilate buildings, coops, and other closed spaces. Allow disinfected areas to dry before rehousing livestock. Always remove gross filth and heavy soil before application of the solutions of this product.

**CLEANING AND DISINFECTING FOOD CONTACT SURFACES, TOOLS AND EQUIPMENT** - Cover or remove all food and packaging material. Thoroughly clean surfaces to be disinfected before application of the solutions of this product. Apply use solution to the surface being disinfected with a sponge, mop or cloth and allow to remain wet for 10 minutes. Discard soiled solutions and replace with fresh use solutions. Rinse all surfaces with a potable water rinse after disinfection, and allow to air dry before reuse.

**FOGGING AS AN ADJUNCT TO REGULAR CLEANING AND DISINFECTING** - This product may be used in fogging (wet misting) as an adjunct either preceding or following regular cleaning and disinfecting procedures in Poultry operations, Hatcheries, Swine operations, Animal Care facilities, Animal Research facilities, Livestock operations and Veterinary facilities, Zoos, and Kennels. Use a 1:256 dilution (one-half fluid ounce per gallon of water). Fog the desired area at 32 to 64 ounces of use dilution per 1,000 cubic feet using equipment with an automatic timer. Do not remain in treated areas; allow at least two hours after fogging is complete before reentering fogged area. Before fogging remove or carefully protect all food and packaging materials with waterproof coverings. Treated food contact surfaces must be thoroughly scrubbed with 1-Stroke Environ at a 1:256 dilution and rinsed with potable water before reuse.

**MUSHROOM FARM USE** - A normal use-solution (one-half fluid ounce per gallon of water) may be used between crops to clean and sanitize non-food contact surfaces. Use on tanks, air conditioners, air ducts, fans, and breezeways, compost wharf, concreted surfaces, inside and outside walls of mushroom house, lofts, floors, spawning machines, tampers, casing rings, storage sheds and track alleys before spawning. Thoroughly clean all surfaces with soap or detergent and rinse with water. Then apply use-solution with cloth, sponge, mop or coarse spray to thoroughly wet all surfaces; allow to remain wet for 10 minutes. Apply ONLY to surfaces that do not come in contact with the crop. Do not apply to the crop, compost or casings.

**BEST AVAILABLE COPY**

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1-Stroke Environ is a detergent based germicide developed especially to control cross contamination of treated surfaces in the agricultural and food industries, and by the veterinary profession. It is intended for use on precleaned hard non-porous surfaces including floors, walls, counters, equipment in food processing areas, feed racks, troughs, and automatic feeders. It may be used in food processing, preparation and service facilities, in animal and avian husbandry, poultry and feed processing facilities, veterinary clinics, and animal research facilities.

When used as directed, this product is effective against pathogenic bacteria such as *S. aureus*, *S. choleraesuis*, *M. tuberculosis* and fungi (*T. mentagrophytes*) when tested at 1:256 by official A.O.A.C. methods in either hard (400 ppm) or soft water; and \*viruses (Influenza A, Herpes Simplex type 2, Adenovirus, Vaccinia, Newcastle disease, Infectious Laryngotracheitis, Infectious Bronchitis, Marek's Agent (JM-V), Hog Cholera) on inanimate environmental surfaces in 10 minutes at 20°C. In addition, 1-Stroke Environ is effective against Avian Reovirus ATCC VR-2040, when tested at 1:256 by official A.O.A.C. methods in hard (400 ppm) water, in the presence of 5% added organic soil (serum).

When tested according to A.O.A.C. Use-Dilution Testing, 1-Stroke Environ was shown to be effective against the following when diluted 1:256 (one-half fluid ounce per gallon) in 400 ppm A.O.A.C. hard water and 5% organic soil (serum) in 10 minutes at 20°C:

*Aeromonas hydrophilia*, ATCC 7965  
*Bordatella avium*, ATCC 35086  
*Corynebacterium sepeidonicum*, ATCC 9850  
*Klebsiella pneumoniae*, ATCC 23357

*Mycoplasma gallisepticum*, ATCC 19610  
*Pasteurella multocida*, ATCC 29977  
*Pseudomonas aeruginosa*, ATCC 13388  
*Salmonella enteritidis*, ATCC 13076  
*Salmonella sp. serovar pullorum*, ATCC 19945

1-Stroke Environ was shown to be effective against *Escherichia coli* ATCC 11229, *Streptococcus suis* ATCC 43765, *Listeria monocytogenes* ATCC 15313 and *Campylobacter jejuni* ATCC 29428 when tested at a 1:256 dilution by official A.O.A.C. methods in hard (400 ppm) water on inanimate environmental surfaces in 10 minutes at 20°C. 1-Stroke Environ has been proven effective against the following viruses\*: pseudorabies virus, porcine rotavirus and transmissible gastroenteritis virus by the EPA proposed virucidal assay method when diluted 1:256 with 400 ppm hard water in 10 minutes at 20°C on inanimate environmental surfaces.

GERMICIDAL QUALIFICATION (A.O.A.C. Use Dilution Confirmation), 10 minutes at 20°C, when diluted 1:256 in (400 ppm CaCO<sub>3</sub>) A.O.A.C. hard water.

Tuberculocidal Activity Test: A.O.A.C. *M. tuberculosis* (BCG): effective in 10 minutes at 20°C at 1:256 in soft or hard water (400 ppm CaCO<sub>3</sub>). Remove heavy soil and preclean surface before application of product.

Fungicidal Test (A.O.A.C.) *T. mentagrophytes*, 10 minutes at 20°C when diluted 1:256 in (400 ppm CaCO<sub>3</sub>) A.O.A.C. hard water.

GERMICIDAL, TUBERCULOCIDAL AND FUNGICIDAL BY OFFICIAL A.O.A.C. QUALIFICATION IN SOFT OR HARD WATER (A.O.A.C. 400 ppm as CaCO<sub>3</sub>) IN TEN MINUTES AT 20°C.

This product is recommended for use on washable hard nonporous surfaces such as counters, equipment, resilient tile flooring, terrazzo and painted or varnished surfaces.

1-Stroke Environ helps in the control of cross contamination and odors of bacterial origin. Primary skin and eye irritation scores of 1:256 dilutions = 0 when tested according to 16 CFR 1500.41 and 1500.42.

Product Made in U.S.A.

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