Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

9445.10

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2009-2011 LIC. NO.

STERIS®

The Technology of Clean®

1-Stroke Environ®

Germicidal Detergent

Reorder Number: 5397-08

Net Contents: 3.78 Liters (1 Gal.)

Germicide • Fungicide • Virucide* • Deodorant

ACTIVE INGREDIENTS:

o-phenylphenol	10.0%
o-benzyl-p-chlorophenol	8.5%
p-tertiary-amylphenol	2.0%
INERT INGREDIENTS	79.5%
TOTAL	**100.00%**

EPA REG. NO. 1043-26 EPA Est. No. 1043-MO-002 ☐
211-KS-001 ☒

U.S. Patent No. 3,538,217

(01)00724995 013639

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional precautionary statements.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

STERIS Corporation
7501 Page Avenue
St. Louis, MO 63133 ■ USA
800-548-4873 ■ www.steris.com

FIRST AID	
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. • Call a poison control center or doctor for treatment advice.
If swallowed	• Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

1-Stroke Environ is a detergent based germicide developed especially for use on surfaces in the agricultural and food industries, and by the veterinary profession. It is intended for use on pre-cleaned 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. enterica, 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_2, Herpes Simplex type 2, Adenovirus, Vaccinia, Newcastles 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/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
Klebsiella pneumoniae, ATCC 23357
Bordatella avium, ATCC 35086
Salmonella enteritidis, ATCC 13076
Mycoplasma gallisepticum, ATCC 19610
Pseudomonas aeruginosa, ATCC 13388
Corynebacterium sepedonicum, ATCC 9850
Pasteurella multocida, ATCC 29977
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 $CaCO_3$) A.O.A.C. hard water.

Fungicidal Test (A.O.A.C. T. mentagrophytes), 10 minutes at 20°C, when diluted 1:256 in (400 ppm $CaCO_3$) A.O.A.C. hard water.

GERMICIDAL AND FUNGICIDAL BY OFFICIAL A.O.A.C. QUALIFICATION IN SOFT OR HARD WATER (A.O.A.C. 400 ppm as $CaCO_3$) IN TEN MINUTES AT 20°C.
This product is recommended for use on washable hard non-porous surfaces such as counters, equipment, resilient tile flooring, terrazzo, and painted or varnished surfaces.

DEODORIZER: 1-Stroke Environ eliminates many odors by killing odor-causing bacteria while simultaneously chemically neutralizing their odors.

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.

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 pre-cleaned, hard environmental non-porous surfaces, use a 1:256 (one-half fluid ounce/gallon of water) solution. For accurate solution preparation, use the 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/gallon of water). Fog the desired area at 32 to 64 ounces of use-dilution per 1000 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/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 houses, 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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Pesticide storage:** Do not store on side. Avoid creasing or impacting of side walls. If frozen, thaw and remix before use. **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:** Do not reuse empty container. Triple rinse and deposit in a waste container for incineration or disposal in a landfill approved for pesticide containers.

5397-06O(808) 60974 Product Made in U.S.A.