

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

143-86

DATE OF ISSUANCE
30 SEP 1986

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
*(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)*

NAME OF PESTICIDE PRODUCT

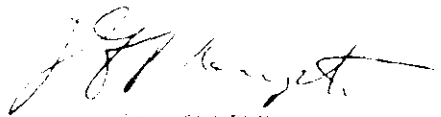
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.



J. H. Bennett
Director, Registration Division
U.S. Environmental Protection Agency
Washington, D.C. 20460

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Pringle 9/18

Precautionary Statements

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Concentrate corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantities of milk, egg whites, gelatin solution, or water, avoid alcohol. Do not induce vomiting. Call 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.

CLEANING AND DISINFECTING WASHABLE, HARD, NON-POROUS SURFACES: Sweep or just mop area to be cleaned thoroughly, removing any gross filth. To make solution, add 1 fl. oz. (30cc) to each premeasured gallon of water and gently mix until solution is uniform. **NOTE:** Always add this product (concentrate) to premeasured water. Apply solution with a cloth, sponge, mop or brush using normal cleaning methods. Thoroughly wet all surfaces to be cleaned, then remove excess solution with a wrung-out applicator. Allow treated surfaces to soak for 10 minutes. Always prepare a fresh solution daily or more often if solution becomes dirty. This is a complete product. Do not add other chemicals. If frozen, thaw and remix before use. Use only as directed.

ANIMAL HUSBANDRY, ANIMAL RESEARCH, POULTRY HOUSE FACILITY CLEANING AND DISINFECTION: Remove or cover all food, feedstuffs, packaging materials and livestock. Remove all litter, manure and other debris from floors and walls; scrape if necessary. Empty all troughs, racks, feed and water appliances. Saturate all surfaces with a 1:128 solution (1 ounce per gallon prepared as directed above). Scrub to loosen adhering soils. Allow to soak for 10 minutes, then pick up excess with a wrung-out applicator. Always scrub treated feeders, troughs, fountains and waterers with soap or detergent and rinse with potable water before reuse. Drain all surfaces, ventilate buildings and allow to air-dry before use or rehousing animals.

CLEANING AND DISINFECTING FOOD PREPARATION, PROCESSING FACILITIES AND EQUIPMENT: Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the use-solution (1 ounce per gallon prepared as directed above). Scrub to loosen all soils. Allow to soak for 10 minutes, then pick up excess solution with a wrung-out applicator. Thoroughly rinse all treated food contact surfaces with potable water.

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 in a landfill approved for pesticide containers.

GENERAL: Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning.

Vestal Laboratories, Inc. • A Subsidiary of Chemed Corp. • St. Louis, MO 63110

CON

Environ[®] se

FOR AGRICULTURAL, INDUSTRIAL AND
INSTITUTIONAL USE ONLY

Germicide • Fungicide • Virucide • Tuberculocide
Deodorizer • Cleaner • Detergent

ONE STEP GERMICIDAL DETERGENT EFFECTIVE
EVEN IN THE PRESENCE OF SERUM AND HARD WATER

EPA REG. NO. 1043-86

Active Ingredients:

Quaternary Ammonium Chloride 9.65%
Sodium p-tertiary amylphenate 8.34%

Water 82.01%

DANGER: KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

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

CONTENTS: 1 U.S. GALLON (3.78 Liters)

This state-of-the-art germicidal detergent is a scientifically developed concentrated system specifically designed to clean, disinfect and deodorize—all in one step. It is effective in the presence of serum, even when diluted with soft water or hard water (400ppm as CaCO₃). Use this product on all washable, hard non-porous environmental surfaces such as floors, walls, counters, tools, carts, and other equipment in food processing, preparation and service facilities, in animal husbandry, poultry and feed processing facilities, veterinary clinics, animal research facilities and in other indoor areas where antibacterial control measures are necessary.

Use for one-step cleaning, disinfecting and deodorizing of stainless or galvanized steel and chrome, porcelain, plastics, glass, tile, washable painted or varnished surfaces, concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo and other combination type floors.

GERMICIDAL: Passes A.O.A.C. Germicidal Use-Dilution Method (*S. aureus*, *S. choleraesuis*, *P. aeruginosa*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

BROAD SPECTRUM DATA: In addition, the following organisms pass the A.O.A.C. Use-Dilution Test in 400 ppm A.O.A.C. hard water at a dilution of 1:128 (1 ounce per 1 gallon) in the presence of 5% organic soil (serum)

<i>Acinetobacter calcoaceticus</i> , ATCC 19606	<i>Proteus vulgaris</i> , ATCC 13315
<i>Candida albicans</i> , Clinical Isolate	<i>Pseudomonas aeruginosa</i> , ATCC 27853
<i>Candida parapsilosis</i> , Clinical Isolate	<i>Salmonella typhi</i> , ATCC 6539
<i>Citrobacter freundii</i> , ATCC 4090	<i>Salmonella typhimurium</i> , ATCC 14028
<i>Enterobacter aerogenes</i> , ATCC 13048	<i>Serratia marcescens</i> , ATCC 8100
<i>Enterobacter cloacae</i> , ATCC 23355	<i>Shigella flexneri</i> , ATCC 12072
<i>Escherichia coli</i> , ATCC 25922	<i>Shigella sonnei</i> , ATCC 25931
<i>Klebsiella pneumoniae</i> , ATCC 13883	<i>Staphylococcus aureus</i> , ATCC 25923
Multiply (Methicillin)-Resistant <i>Staphylococcus aureus</i> (MRSA), Clinical Isolate	<i>Staphylococcus epidermidis</i> , ATCC 12228
<i>Proteus mirabilis</i> , Clinical Isolate	<i>Streptococcus faecalis</i> , ATCC 19433
	<i>Streptococcus pyogenes</i> , ATCC 19615

FUNGICIDAL: Passes A.O.A.C. Fungicidal Test (*Trichoglyphes*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

TUBERCULOCIDAL: Passes A.O.A.C. Tuberculocidal Test (*Mycobacterium tuberculosis* var. *bovis* (BCG)) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

***VIRUCIDAL:** Passes Virucidal Assay (EPA Proposed Method) (*Influenza A₂* (Japan), *Herpes simplex* Type 2, *Vaccinia*, and *Adenovirus* Type 2) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution in the presence of 5% organic soil (serum), 10 minutes at 20°C.

ODOR CONTROL: It eliminates many odors by killing odor-causing bacteria while simultaneously chemically neutralizing their odors and leaving a pleasant fragrance.

93-147

Vestal

EPA Est. No. 1043-MO-1

FOR AGRICULTURAL, INDUSTRIAL AND INSTITUTIONAL USE ONLY

Germicide * Fungicide * Virucide* Tuberculocide
Deodorizer * Cleaner * Detergent

Active Ingredients	
Sodium o-phenylphenate.....	9.65%
Sodium p-tertiary amyphenate.....	8.34
Inert Ingredients.....82.01	

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 29 1986

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

1043-86

Only for Sale To, Use and Storage
by Service Personnel

DANGER: KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

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

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

Vestal Laboratories, Inc.
A Subsidiary of Chemed Corp.
St. Louis, MO 63110



RIGHT PANEL

This state-of-the-art germicidal detergent is a scientifically developed, hard water and serum effective concentrated system specifically designed to clean, disinfect and deodorize -- all in one step. Use this product on all washable, hard non-porous environmental surfaces such as floors, walls, counters, tools, carts, and other equipment in food processing, preparation and service facilities, in animal husbandry, poultry and feed processing facilities, veterinary clinics, animal research facilities and in other indoor areas where antibacterial control measures are necessary.

Use for one-step cleaning, disinfecting and deodorizing of stainless or galvanized steel and chrome, porcelain, plastics, glass, tile, washable painted or varnished surfaces, concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo and other combination type floors.

GERMICIDAL: Passes A.O.A.C. Germicidal Use-Dilution Method (*S. aureus*, *S. choleraesuis*, *Ps. aeruginosa*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

BROAD SPECTRUM DATA: In addition, the following organisms pass the A.O.A.C. Use-Dilution Test in 400 ppm A.O.A.C. hard water at a dilution of 1:128 in the presence of 5% organic soil (serum):

Acinetobacter calcoaceticus, ATCC 19606
Candida albicans, Clinical Isolate
Candida parapsilosis, Clinical Isolate
Citrobacter freundii, ATCC 8090
Enterobacter aerogenes, ATCC 13048
Enterobacter cloacae, ATCC 23355
Escherichia coli, ATCC 25922
Klebsiella pneumoniae, ATCC 13883
Multiple (Methicillin)-Resistant
Staphylococcus aureus (MRSA),
Clinical Isolate
Proteus mirabilis, Clinical Isolate

Proteus vulgaris, ATCC 13315
Pseudomonas aeruginosa, ATCC 27853
Salmonella typhi, ATCC 6539
Salmonella typhimurium, ATCC 14028
Serratia marcescens, ATCC 8100
Shigella flexneri, ATCC 12012
Shigella sonnei, ATCC 25931
Staphylococcus aureus, ATCC 25923
Staphylococcus epidermidis, ATCC 12228
Streptococcus faecalis, ATCC 19433
Streptococcus pyogenes, ATCC 19615

FUNGICIDAL: Passes A.O.A.C. Fungicidal Test (*T. mentagrophytes*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

TUBERCULOCIDAL: Passes A.O.A.C. Tuberculocidal Test when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

***VIRUCIDAL:** Passes Virucidal Assay (EPA Proposed Method) [*Influenza A₂* (Japan) *Herpes simplex* Type 2, *Vaccinia*, and *Adenovirus* Type 2] when diluted with 400 ppm A.O.A.C. hard water to make a 1:128 (1 ounce per 1 gallon) solution in the presence of 5% organic soil (serum), 10 minutes at 20°C.

ODOR CONTROL: It eliminates many odors by killing odor-causing bacteria while simultaneously chemically neutralizing their odors and leaving a pleasant fragrance.

LEFT PANEL

Precautionary Statements

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Concentrate corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantities of milk, egg whites, gelatin solution, or water, avoid alcohol. Do not induce vomiting. Call physician immediately. **NOTE TO PHYSICIAN:** Probably 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.

CLEANING AND DISINFECTING WASHABLE, HARD, NON-POROUS SURFACES: Sweep or dust mop area to be cleaned thoroughly, removing any gross filth. To make solution, add 1 fl. oz. (30cc) to each premeasured gallon of water and gently mix until solution is uniform. **NOTE:** Always add this product (concentrate) to premeasured water. Apply solution with a cloth, sponge, mop or brush using normal cleaning methods. Then remove excess solution with a wrung-out applicator. Allow treated surfaces to soak for 10 minutes. As solution becomes dirty, discard and replace with a fresh one. This is a complete product. Do not add other chemicals. Use only as directed.

ANIMAL HUSBANDRY, ANIMAL RESEARCH, POULTRY HOUSE FACILITY CLEANING AND DISINFECTION: Remove or cover all food, feedstuffs, packaging materials and livestock. Remove all litter, manure and other debris from floors and walls; scrape if necessary. Empty all troughs, racks, feed and water appliances. Saturate all surfaces with a 1:128 solution (1 ounce per gallon prepared as directed above). Scrub to loosen adhering soils. Allow to soak for 10 minutes, then pick up excess with a wrung-out applicator. Flush feeders and waterers with potable water after disinfecting. Drain all surfaces, ventilate buildings and allow to air-dry before use or rehousing animals.

CLEANING AND DISINFECTING FOOD PREPARATION, PROCESSING FACILITIES AND EQUIPMENT: Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the use-solution (1 ounce per gallon prepared as directed above). Scrub to loosen all soils. Allow to soak for 10 minutes, then pick up excess solution with a wrung-out applicator. Thoroughly rinse all wetted and cleaned food contact surfaces with potable water.

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, in a landfill approved for pesticides or buried away from water supplies.

CONTAINER DISPOSAL: Triple rinse and deposit in a waste container for incineration or in a landfill approved for pesticide containers, or bury.

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