

# BioPhene II Disinfectant

CONCENTRATED GERMICIDAL DETERGENT  
ONE-STEP DISINFECTANT

**CLEANS • DISINFECTS • DEODORIZES**  
GERMICIDAL, PSEUDOMONACIDAL, TUBERCULOCIDAL,  
FUNGICIDAL and VIRUCIDAL\*

**ACTIVE INGREDIENTS:**

ortho-Phenylphenol, sodium salt ..... 8.45%

ortho-Benzyl-para-Chlorophenol, sodium salt..... 7.15%

**INERT INGREDIENTS:**.....84.40%

.....100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See [right] [left] [side] [back] panel for Precautionary Statements and First Aid

[This product]

- [Is to clean and disinfect washable hard nonporous surfaces of: whirlpool baths, foot spas, salon/barber tools and instruments: combs, brushes, and manicure instruments.]
- [Proven Effective as a One-Step Cleaner-Disinfectant in the Presence of 5% Organic Serum for Poultry, Swine, Animal Care Facilities, Livestock and Veterinary Uses.]
- [Meets AOAC efficacy standards for hospital disinfectants.]
- [Is a proven “one-step” disinfectant – cleaner – fungicide – virucide\* which is effective in soft or hard water up to 400 ppm hardness in the presence of organic soil (5% serum).]

**Manufactured for:**  
Neogen Corporation  
944 Nandino Blvd.  
Lexington, KY 40511

EPA Reg. No. 34810-16- 66171

EPA Est. No. 66171-TN-001

[FOR INDUSTRIAL AND INSTITUTIONAL USE]  
Contents: One U.S. Gallon (128 Fluid Ounces) or 3.785 Liters

**Efficacy Claims**

**BACTERIA:**

In the presence of 5% blood serum] and [in 400 ppm hard water,] contact time 10 minutes is effective against:

Dilution: 1:128 1 oz per gallon of water

Enterobacter aerogenes  
Enterococcus faecalis Vancomycin Resistant (VRE)  
Escherichia coli O157:H7  
Klebsiella pneumoniae  
Methicillin-resistant Staphylococcus aureus (MRSA)  
Pseudomonas aeruginosa  
Salmonella enterica  
Staphylococcus aureus

Dilution: 1:256 ½ oz per gallon of water

Salmonella enterica

**FUNGICIDAL:**

In the presence of 5% blood serum] and [in 400 ppm hard water, contact time 10 minutes is effective against:

Dilution: 1:128 1 oz per gallon of water

Trichophyton interdigitale

**TUBERCULOCIDAL:**

In the presence of 5% blood serum at 20° C and in 400 ppm hard water, contact time 10 minutes is effective against:

Dilution: 1:128 1 oz per gallon of water

Mycobacterium bovis [OT# 451C150]

**VIRUCIDAL:**

In the presence of 10% blood serum and [in 400 ppm hard water, contact time 10 minutes is effective against:

Influenza A3 Virus [Hong Kong] [kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu)]

Herpes Simplex Virus Type 2

HIV-1 [AIDS]

Vaccinia virus

**ANIMAL VIRUSES:**

In the presence of 5% blood serum and in 400 ppm hard water, contact time 10 minutes is effective against:

Dilution: 1:256 ½ ounce per gallon of water

Avian Influenza A (H5N1)

Infectious Laryngotracheitis virus (ILT)

Newcastle Disease Vr-109

Porcine Epidemic Diarrhea Virus (PEDV)

Porcine Respiratory and Reproductive Syndrome (PRRS)

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS. DANGER.** Corrosive. Causes irreversible eye damage. Harmful if absorbed through the skin. Avoid breathing spray mist. Do not contact eyes, skin, or clothing. Wear goggles or faceshield and rubber gloves when handling. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, smoking tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID: 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. Call a Poison Control Center or doctor for 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 SWALLOWED:** 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. Call a Poison Control Center or doctor immediately for treatment advice. In case of emergency call Chemtrec at 800-424-9300. Have the product container or label with you when calling a Poison Control Center or doctor.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. *(Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment)*

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **Do not mix with other cleaners.** For all disinfection of hard, nonporous surfaces in hospitals, health care facilities, schools, and nursing homes, such as floors, walls, bathroom fixtures, shower room stalls, use BioPhene II at 1 ounce per gallon of water. BioPhene II use solution may be applied with a cloth, mop or brush, or by immersing equipment to be disinfected. Wet all surfaces thoroughly. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. BioPhene II use solution may be used on surfaces such as stainless steel, chrome, glass, vinyl, glazed ceramic, and terrazzo. Gross filth and heavy soil must be removed before applying cleaning solution. When used for mopping or from an open pail, solution must be changed at least daily or more often if the solution becomes diluted or soiled.

**[AREAS OF USE:]**

[Animal Care Facilities]

[Barber Shops]

[Bathrooms]

[Beauty Salons]

[Day care centers]

[Dental offices]

[Foot spas]

[Health Care Facilities]

[Hospitals]

[Institutional Facilities]

[Institutions]

[Medical Offices]

[Nurseries]

[Nursing homes]

[Poultry [farms] [facilities]]

[Salons (Beauty)]

[Schools]

[Swine [farms] [facilities]]

[Turkey farms]

[Veterinary]

[Whirlpool (baths) (units)]

[Whirlpool pedicure spa]

Note to reviewer: Language in [ ] is optional or interchangeable

[Livestock Facilities]

[Zoos]

**[TYPES OF SURFACES:]**

[On washable hard, nonporous surfaces of:]

[Bathroom fixtures]

[Chrome]

[Floors]

[Glass]

[Glazed Ceramic]

[Stainless Steel]

[Terrazzo]

[Vinyl]

[Walls]

**FARM PREMISE, LIVESTOCK, POULTRY & TURKEY HOUSE DISINFECTANT**

DILUTION: 1:256 ½ oz. per gallon of water

1. Remove all animals and feeds from premises, trucks, coops, crates, and enclosures.
2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, vehicles, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent, and rinse with water.
5. Saturate all surfaces with the ½ oz. per gallon of water disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings, coops, cars, trucks, boats, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried.
8. After treatment with disinfectant, thoroughly scrub feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.]

This product at ½ oz. per gallon of water (1:256) is suited for disinfecting and cleaning in poultry and turkey barns, breeder and laying operations.

Poultry house grow-out operations and hatcheries: Use in hatchers and setters, evaporative coolers, humidifying systems and ceiling fans, live haul equipment, chick busses, transfer trucks, trays, coop washing, polyethylene chick boxes, foot pans and feed bins.

Equine facilities: Use in stables, stalls, breeding and foaling areas and transport vehicles.

VEAL, CALVING, HOG, CATTLE AND HORSE OPERATIONS: Between depopulations of facilities, cleaning and disinfection of pens, hutches, aisles, ventilation equipment, utensils and other environmental surfaces may be required. Flush soils from these areas and clean and disinfect with ½ ounce per gallon (4 ml / liter) of BioPhene II. Take care to avoid spray and other contact with animals, feed or feed equipment or in water or watering devices. If spray is used on or contacts feeders or waterers, scrub them and rinse well with potable water before they are reused.

FARM BOOT BATH: Use one half (½) ounce per gallon (4 ml / liter) in farm boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon brush to clean soils from boots.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep upright with cap tightly closed. Store in original container in areas inaccessible to children.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.