

# BioSentry® BioPhene™ Disinfectant

## Disinfectant • Cleaner

\* 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.

\* DILUTION: 1 to 256 (one-half ounce per gallon)

**ACTIVE INGREDIENTS:**

o-Phenylphenol .....7.92%  
 o-Benzyl-p-chlorophenol .....9.97%  
 p-tert-Amylphenol.....1.95%

**INERT INGREDIENTS:**.....80.16%

**TOTAL:** .....100.00%

EPA Reg. No. 61282-53

EPA Est. No. 10183-MI-01

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**FIRST AID**

**Have label with you when obtaining treatment advice.**

<b>If in eyes</b>	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 eye.
<b>If on skin or on clothing</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Remove and wash contaminated clothing before reuse.
<b>If swallowed</b>	Call a 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.
<b>If inhaled</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

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

**For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: Corrosive:** Causes irreversible eye damage. Harmful if swallowed, or absorbed through skin or inhaled. Do not get in eyes, on skin or clothing. Avoid contact with skin. Avoid breathing spray mist. Wear long-sleeved shirt and long pants, socks and shoes, goggles or face shield and chemical resistant gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands before eating, drinking, chewing gum, using

tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**Personal Protective Equipment (PPE):**

Applicators and other handlers must wear

- Long-sleeved shirt and pants
- Socks plus shoes
- Goggles or face shield
- Chemical-resistant apron
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, PVC or viton ≥ 14 mils).

**USER SAFETY REQUIREMENTS:**

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**PHYSICAL AND CHEMICAL HAZARDS:**

Combustible. Do not use or store near heat or open flame.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**BACTERIA & FUNGI:** Using A.O.A.C. Use Dilution test, BioSentry® BioPhene™ Disinfectant is an effective disinfectant in 400ppm hard water and 5% serum against the following bacteria and fungi.

- |  |                                    |
|--|------------------------------------|
| <i>Alcaligenes faecalis</i>  | <i>Aspergillus fumigatus</i>       |
| <i>Brevibacter ammoniagenes</i>                                    | <i>Brucella abortus</i>            |
| <i>Candida albicans</i>  | <i>Enterobacter aerogenes</i>      |
| <i>Enterococcus faecium</i>  | <i>Escherichia coli</i>            |
| ( <i>Streptococcus faecalis</i> )                                  |                                    |
| <i>Klebsiella pneumoniae</i>                                       | <i>Pasteurella multocida</i>       |
| <i>Pseudomonas aeruginosa</i>                                      | <i>Salmonella choleraesuis</i>     |
| <i>Salmonella enteritidis</i>                                      | <i>Salmonella schottmuelleri</i>   |
| <i>Shigella dysenteriae</i>  | <i>Staphylococcus aureus</i>       |
| <i>Streptococcus pyogenes</i>                                      | <i>Trichophyton mentagrophytes</i> |
| Not approved for use in California against the following bacteria: |                                    |
| <i>Mycoplasma gallisepticum</i>                                    | <i>Mycoplasma iners</i>            |

**VIRUSES:** Using accepted virus propagation and hard surface test methods, BioSentry® BioPhene™ Disinfectant is effective at 1:256 in 400ppm hard water and 5% serum against the following (Not approved in California for use against the following viruses):

Avian influenza	Avian laryngotracheitis
Canine parvovirus	Infectious bronchitis
Infectious bursal disease (Gumboro)	Newcastle's disease
Parainfluenza	Porcine parvovirus
Pseudorabies	Swine PRRS virus
Transmissible gastroenteritis	Vesicular stomatitis virus

**DIRECTIONS FOR USE**

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

BioSentry® BioPhene™ Disinfectant is a one-step germicide, fungicide, soapless cleaner and deodorant, effective in the presence of organic soil.

- To clean and disinfect hard non-porous surfaces, use 1/2 ounce of BioSentry® BioPhene™ Disinfectant per gallon of water (4 ml / liter). Apply liquid with a mop, sponge, cloth or bowl mop to thoroughly wet surfaces. Prepare fresh solutions daily or when solution becomes visibly dirty.
- To clean badly soiled areas use 1½ ounce per gallon of water (12 ml / liter).
- To disinfect, allow treated surfaces to stand for at least 10 minutes before wiping.
- To control mold and mildew growth on previously cleaned, hard, non-porous surfaces, use 1/2 ounce per gallon. Allow to dry without wiping. Reapply as new growth appears.

**GENERAL FARM DISINFECTANT USES:**

(1/2 ounce per gallon) (4 ml / liter)

- (a) Remove all animals, poultry and feed from premises, trucks and enclosures.
- (b) Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or traversed by animals or poultry.
- (c) Empty all troughs, racks, and other feeding and watering appliances.
- (d) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- (e) Saturate all surfaces with the recommended solution for a period of 10 minutes.
- (f) Immerse all halters, ropes and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels, and scrapers used for removing litter and manure, in the recommended use solutions.
- (g) Ventilate buildings, vehicles, trailers and other closed spaces. Do not house livestock or poultry or employ equipment until treatment has been absorbed, set or dried.
- (h) Thoroughly scrub treated feeding and watering equipment with detergent and rinse with potable water before reuse.

**POULTRY HATCHERIES:** BioSentry® BioPhene™ Disinfectant is effective for cleaning and disinfecting hatchers, setters, buggies, trays, racks, equipment, utensils and other environmental surfaces in avian hatcheries. After initial cleaning and disinfecting with BioSentry® BioPhene™

Disinfectant diluted 1/2 ounce per gallon (4 ml/ liter), rinse and reapply a fresh disinfecting solution. Do not rinse again. One step clean and disinfecting is not recommended in hatcheries.

**SANITIZING HATCHING EGGS:** Use 1/2 ounce per gallon (4 ml / liter) of BioSentry® BioPhene™ Disinfectant and apply by immersion, foaming, low pressure spraying, flushing or wet misting. Water temperatures from 75° F to 110° F (24° C to 44° C) are recommended. Use on hatching eggs only. Do not apply on eggs that are to be consumed.

**FOR FOG APPLICATIONS:** Thoroughly ventilate entire enclosed area following application. This fog generated by the BioSentry® Fogger is very irritating to eyes, skin and mucous membranes. Do not enter, allow other persons to enter, house livestock, or use equipment in the treated area until ventilation is complete and any liquid has been absorbed, set, or dried. For entry into fogged areas before ventilation is complete and fog has completely dissipated, all persons must wear the personal protective equipment, including a full-face respirator, required for applicators and other handlers.

**SANITIZING POULTRY HOUSES AND LIVESTOCK BUILDINGS USING BIOSENTRY® BIOPHENE™ DISINFECTANT THROUGH THE BIOSENTRY® FOGGER 185:**

After the house has been depopulated and cleaned as in (a) (b) (c) and (d) under "General Farm Disinfectant Uses," double check to be sure that all people, poultry, livestock and pets have vacated the building. Close all windows, doors, louvers, curtains, etc., making the house as closed and tight as possible. Mix one (1) part BioSentry® BioPhene™ Disinfectant with two (2) parts water in the reservoir of the BioSentry® Fogger 185. With the setting on maximum output, fog the treatment into the room or building to be sanitized. (Use a total of one (1) gallon (3.79 liters) of BioSentry® BioPhene™ Disinfectant for each 6000-8000 square feet of floor space. If the area is more than 25 feet high, use two (2) gallons (7.6 liters) per 6000-8000 square feet of floor space. In multi-story buildings, the application must be repeated for each floor that is to be sanitized.) The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the Fogger may be inserted through a suitable opening in the door or building. The opening should be just large enough to accommodate the nozzle. After fogging, the building should be kept closed for twenty-four hours. After twenty-four hours, the fog should have settled and the house can now be opened and aired. The house should be opened for a minimum of twenty-four to forty-eight hours before it is repopulated with poultry or livestock.

**NOTE:** If feeders and waterers were not removed from the premises during the treatment, or were not adequately covered to prevent contact with treatment, they should be washed with detergent and water before use for poultry or livestock.

**SANITIZING HATCHERY ROOMS USING BIOSENTRY® FOGGER 185:**

Close room off so fog is confined to room to be treated. Mix one (1) part BioSentry® BioPhene™ Disinfectant to five (5) parts water (1.8 liters to 9.0 liters water) (1/2 gallon BioSentry® BioPhene™ Disinfectant to 2.5 gallons water). Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute for each 4,000 cubic feet of

space in the room. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-2 hours in this environment.

**INCUBATOR AND HATCHER FOGGING:** Prepare a stock solution of six (6) ounces BioSentry® BioPhene™ Disinfectant to 122 ounces water (1.8 liters to 3.6 liters). Fog 3-8 ounces (88-236 ml) of this into setters and hatcher immediately after transfer. Repeat daily in setters and every 12 hours in hatcher.

**NOTE:** *Discontinue hatcher treatments at least 24 hours prior to pulling the hatch.* Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). It is also satisfactory to fog setters and hatcher with a 1/2 ounce per gallon (4 ml / liter) solution of BioSentry® BioPhene™ Disinfectant on an hourly or every other hour basis. If this is done, fog for 30-90 seconds once per hour or once every two hours. Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting of room and machine surfaces.

**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 1/2 ounce per gallon (4 ml / liter) of BioSentry® BioPhene™ Disinfectant. 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 (1) ounce per gallon (8 ml / liter) in farm boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon brush to clean soils from boots.

**FOR HEALTH-CARE FACILITIES: (Not approved in California for the following uses):** At 1/2 ounce per gallon of water (4 ml / liter), BioSentry® BioPhene™ Disinfectant is an effective cleaner and germicide for floors, walls, bedframes, bathroom fixtures, bathtubs, toilets, sinks, countertops in operating rooms, emergency rooms, patient rooms, laboratories, clinics and veterinary facilities.

**FOR SCHOOLS, MOTELS, INSTITUTIONAL AND INDUSTRIAL USES: (Not approved in California for the following uses):** At 1/2 ounce per gallon of water (4 ml / liter), BioSentry® BioPhene™ Disinfectant is an effective cleaner and disinfectant in areas that contain hard, non-porous surfaces: restrooms, shower and bath areas, exercise facilities and garbage storage areas.

**FOR SPRAY APPLICATIONS:** Following application as a low pressure or high-pressure spray, do not enter or allow others to enter treated area until sprays have dried.

**APPLICATION RESTRICTIONS:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

## STORAGE AND DISPOSAL

### *Household Label*

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container in a cool, dry place inaccessible to children and pets.

**DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **Partly Filled Containers and Spoiled and Unconsumed Bait:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### *Non-Household Label*

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product, and spoiled and unconsumed bait, may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of empty container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**SPECIMEN LABEL**

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g. current product information)  
call: **1-800-621-8829**

**Manufactured For:  
HACCO, Inc.  
110 Hopkins Drive  
Randolph, WI 53956 U.S.A.**

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BioPhene™ is a Trademark of Neogen Corporation.

Code (NE.NT.) RN.NO.

Item No.: D12709568  
Net Contents: 1 gallon  
UPC: 023626 25970 (6)  
Format: UPC-A  
Label:

Item No.: D12709568  
Net Contents: 4 x 1 gallon  
UPC: 00023626 25975 (1)  
Format: Interleaved 2-of-5  
Label: Case Label

Item No.: D12695607  
Net Contents: 55 gallons  
UPC: 023626 26030 (6)  
Format: UPC-A  
Label: