BioSentry®

904
Disinfectant

One-Step Disinfectant
Cleaner – Sanitizer – Fungicide – Mildewstat – Virucide® – Deodorizer

- Formulated for Effective Farm Premise Sanitation
- Formulated for Veterinary Practice / Animal Care / Animal Laboratory Disinfection
- Formulated for Effective Poultry Premise Sanitation
- For use in federally inspected meat and poultry plants
- Formulated for Effective Swine Premise Sanitation

ACTIVE INGREDIENTS:
Octyl decyl dimethyl ammonium chloride .................................................. 6.510%
Diocyl dimethyl ammonium chloride .......................................................... 2.604%
Didecyl dimethyl ammonium chloride ......................................................... 3.906%
Alkyl (C₁₂₋₁₄, 50%; C₁₅₋₁₇, 40%; C₁₈, 10%) dimethyl benzyl ammonium chloride ...... 8.680%
OTHER INGREDIENTS ........................................................................... 78.300%
TOTAL .................................................................................................. 100.000%

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO

NET CONTENTS: 1 Gallon (3.785 Liters)

EPA Reg. No. 6836-78-61282
EPA Est. No. 61282-W1-01

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 eye.

If on Skin or on Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Swallowed: 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.

NOTE TO PHYSICIAN: Probably nausea and vomiting may contraindicate the use of gastric lavage.

For 24-hour emergency information on this product, call 1-800-532-4444.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (safety glasses, face shield or safety goggles), protective clothing and protective rubber or chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

BioSentry 904 Disinfectant is a sanitizer for hard nonporous non-food contact surfaces according to the method for Sanitizers - Non-Food Contact Surfaces, modified in the presence of 500 ppm hard water plus 5% organic serum in 60 seconds against:

Klebsiella pneumoniae
Staphylococcus aureus
BioSentry 904 Disinfectant is a one-step hospital use disinfectant, bactericidal according to the current ATCC test for 10 minutes and Virucidal according to the virucidal qualification modified in the presence of 500 ppm hard water plus 5% organic serum against:

Bacteria:
Pseudomonas aeruginosa
Salmonella enterica
Burkholderia cepacia
Corynebacterium ammoniagenes
Enterobacter cloacae N0M-1 positive
Enterococcus faecalis - Vancomycin Resistant
Escherichia coli, New Delhi Midial-Beta Lactamase (NDM-1)
Enterococcus faecalis
Escherichia coli
**ESBL E. coli**
**Klebsiella pneumoniae**
**Klebsiella pneumoniae - NDM-1 positive**
**Legionella pneumophila**
**Liliana monocytogenes**
**Salmonella typhi**
**Salmonella typhimurium**
**Staphylococcus aureus** - *Enterobacter aerogenes*
**Staphylococcus aureus** - *E. coli*
**Staphylococcus aureus** - Community Associated Methicillin-Resistant USA300
**Staphylococcus aureus** - Community Associated Methicillin-Resistant USA400
**Staphylococcus aureus** - *Staphylococcus aureus - MRSA*
**Streptococcus pneumoniae** - *Streptococcus pneumoniae - Beta Hemolytic*
**Streptococcus pneumoniae** - *Streptococcus pneumoniae - Beta Hemolytic*
**Streptococcus pneumoniae** - Non-Pathogenic
**BioSentry 904 Disinfectant wipes**

**Viruses:**
- Adenovirus Type 5
- Adenovirus Type 7
- Herpes Simplex Virus Type 1
- Herpes Simplex Virus Type 2
- Human Coronavirus
- Influenza Virus Type A / Brazil
- Influenza Virus Type A / H9N2
- Respiratory Syncytial Virus
- Rotavirus
- Norovirus

**Fungi:**
- Aspergillus niger
- Trichophyton mentagrophytes [The Athlete's Foot Fungus]

**Disinfection / Virucidal**

**Fungicidal / Mold and Mildew Control Directions:**
Apply use solutions to hard, non-porous surfaces, thoroughly wetting surfaces with a cloth mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. For Influenza Virus Type A and Human Coronavirus, treated surfaces must remain wet for 1 minute. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6 – 8 inches from the surface, rub with a brush, sponge or cloth. Do not breathe spray.

Rinse all surfaces that come in contact with food such as countertops, exteriors of appliances, tables and stools with potable water before reuse. Do not use on utensils, glassware and dishes.

**BioSentry 904 Disinfectant** is an effective fungicide against Trichophyton mentagrophytes in areas such as locker rooms, dressing rooms, showers and bathrooms and exterior fixtures.

BioSentry 904 Disinfectant is one-step fungicide at 5 oz. per gallon in 200 ppm hard water and 5% serum.

For mold and mildew. At 1/2 oz. per gallon, BioSentry 904 Disinfectant will effectively inhibit the growth of mold and mildew and the odor caused by them when applied to hard, non-porous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

BACTERIAL STABILITY OF USE-DILUTION: Tests confirm that the use solution of this product, when stored in a sealed container such as a spray bottle, remains effective up to 3 months. If product becomes visibly dirty or contaminated, the use solution must be discarded and fresh product prepared.

Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pans.

This product is not for use on medical device surfaces.

**FOR USE ON FINISHED FLOORS:** To gain the best use of BioSentry 904 Disinfectant at 1/2 oz. per gallon. Apply with a damp mop of autobrush. Allow surface to remain wet for 10 minutes. Wipe or allow to air dry. Do not use on floor finishes at 1 oz. per gallon.

**Animal Viruses:**
- Avian Influenza Virus (H9N2)
- Avian Influenza Virus (H5N6)
- Avian Influenza Virus (H7N7)
- Feline Coronavirus
- Feline Calicivirus
- Marine Nervous
- Newcastle's Disease Virus
- Pseudorabies Virus

*Tested in dermotic water.

**Veterinary Facilities / Animal Care Facilities / Animal Laboratory Facilities / 2005 / Pet Shops / Kennels**

**Disinfection / Virucidal Directions:**
For cleaning and disinfecting hard nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, bathrooms, pens, stalls and etc. Remove all animals and feed from premises, animal transportation vehicles, crates, pans, stables and etc. Remove all litter, droppings and manures from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/4 oz. of BioSentry 904 Disinfectant per gallon of water (or equivalent dilution) for a period of 10 minutes. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. For murine norovirus use dilution must be made with dermotic water. Wipe or allow to air dry. Immerse all hangers, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used to remove litter and manures. Thoroughly scrub all treated surfaces, then rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings; animal enclosures, vehicles and other closed spaces. Do not house animals or employ equipment until litter treatment has been absorbed, set, or dried.

**Poultry and Swine Premise Disinfection / Virucidal Directions:**
Remove all animals, feed from premises, and enclosures used for feeding and water supplies, such as coops and cages. Remove all litter, droppings and manures from floors, walls and surfaces of barns, pens, stalls, stables and other facilities and fixtures occupied or traversed by animals. Empty all troughs, ropes and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 1/2 oz. of BioSentry 904 Disinfectant per gallon of water (or equivalent dilution) for a period of 10 minutes. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Saturate surfaces with the disinfecting solution for 10 minutes. Immerse all hangers, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used to remove litter and manures. Ventilate buildings; coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed rakes, mangers, troughs, automatic feeders, feeders, and waterers with soap or detergent, and rinse with potable water before reuse.

**Hatcheries:**
Use 1/2 oz. of BioSentry 904 Disinfectant per gallon of water to treat hatcheries, feeders, troughs, rakes, cart, trays, ovens, brooders, delivery trucks, tanks and other hard nonporous surfaces. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or spray or allow to air dry.
Vehicles: Treat all vehicles including mats, crates, cabs and wheels with water and BioSentry 904 Disinfectant. Use ½ oz. of BioSentry 904 Disinfectant per gallon of water to treat all vehicles. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and type 7. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or sponge or allow to air dry.

Dressing Plant Disinfectant Directions: Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and leading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all heavy soils prior to application. Saturate all surfaces with a 1/2 oz. per gallon of water solution. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and type 7. Scrub to loosen all soils. Surfaces must remain wet for 10 minutes, then thoroughly rinsed with potable water before operations are resumed.

CITRUS CANKER DISEASE CONTROL: For prevention of Citrus Canker Disease through treatment of precleaned equipment. Effective against Xanthomonas axonopodis pv citri [Citrus Canker Disease] at 2000 ppm active quat. Apply treatments to trucks, attached trailers, and field harvesting equipment including cargo areas, wheels, tires, undercarriage, hood, roof, ladders, and any other hard non-porous part of the equipment that can be taken into infested areas. Thoroughly clean all hard nonporous surfaces with soap or detergent and rinse with water. Then saturate surfaces with a 1:10 dilution. 1/2 oz. of BioSentry 904 Disinfectant per gallon of water or 6 oz. of BioSentry 904 Disinfectant per 5 gallons of water, or equivalent dilution [2000 ppm active quat] for a period of 10 minutes. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. To prevent the spread of Citrus Canker Disease by this artificial means of transportation, treatments are made by trigger spraying, clipping or brushing. Clothing must be either rinsed or laundered before reuse. Footwear must be rinsed before reuse.

TO SANITIZE NON-FOOD CONTACT SURFACES: Mix ½ oz. of BioSentry 904 Disinfectant per 4 gallons of water to sanitize hard nonporous surfaces. Treated surfaces must remain wet for 60 seconds. Wipe dry with a sponge, mop, or cloth or allow to air dry. Do not use in food preparation, food handling and food storage areas. This product is not to be used on glassware, dishes, cookware or utensils.

SHOE BATH SANITIZER DIRECTIONS: To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made solution must be placed at all entrances to buildings and hatcheries. Scrape waterproof work boots and place in a 1/2 oz. per 4 gallons of water use-solution for 60 seconds prior to entering area. Change the solution in the bath daily or when solution appears diluted or soiled.

SHOE FOAM SANITIZING DIRECTIONS: To prevent cross contamination into animal areas and the packaging and storage areas of food plants. Apply a foam layer approximately 1/2 to 2 inches thick made from a solution of 1/2 oz. of BioSentry 904 Disinfectant per 2 – 5 1/2 gallons of water [400 – 150 ppm active quat] [or equivalent dilution], at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply the foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator or aerator. Scrape waterproof work boots. Stand or walk through foamed area for 60 seconds prior to entering area. Wash and replace Foam Area at least daily or more often if the Foam Area appears diluted or soiled.

TO CLEAN AND DEODORIZE: Mix ½ oz. of BioSentry 904 Disinfectant per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

Cleaning Solution: Dilute ½ - 1 oz. per gallon of water for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors and large routine applications.

Mopping Solutions, Automatic Scrubbers: Use 1/2 - 1 oz. per gallon of cleaning solution eliminates undesirable odors.

Pet Odors: Use 2 - 3 oz. per gallon of water or desired concentration, for urine, feces, and vomit, in carpet and upholstery. Clean prior to application then spray onto affected areas. Test hidden area for colorfastness. Allow 10 minutes contact time. Then blot with clean cloth. Allow to dry. Also effective on pet bedding and litter boxes.

Sewage Backup, Water Damage: Use 1 – 2 oz. per gallon of water or desired concentration. Spray over affected areas before and after cleaning and extraction. Allow ten minutes contact time. Use proper ventilation; open windows.

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

Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate 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 Disposal: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¾ full with water and reclose the container. Agitate vigorously, and dispose of rinseate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinseate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

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

Manufactured By:
HACCO, Inc. • 110 Hopkins Drive • Randolph, WI 53956 U.S.A.

BioSentry® is a Registered Trademark of BioSentry, Inc., Used Under Exclusive License to Neogen Corporation. Item No. 149557

Code NG.RL.