

61282-55

07/05/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Jennifer J. Seifert,
Hacco Company,
110 Hopkins Drive,
Randolph, WI 53856-1316

JUL -5 2011

Subject: BioSentry 904
EPA Registration No.: 61282-55
Notification Date: June 6, 2011
EPA Receipt Date: June 8, 2011
Submission #: 897397

Dear Mrs. Seifert,

This letter acknowledges receipt of your notification submitted under the provision of FIFRA section 3(c)9 and PR Notice 98-10.

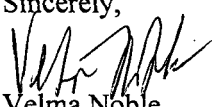
Proposed notification:

- Add additional graphics to the front cover of the label

General Comments

Based on a review of the submitted material, the notification for your product, "BioSentry 904", is acceptable.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233 or Jamil Mixon at (703) 308-8032 .

Sincerely,

Velma Noble
Product Manager -31
Regulatory Management Branch
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL	SURNAME	DATE					

Please read instructions on reverse before completing.

Form Approved. OMB No. 2070-0060

(A) <h1 style="margin: 0;">EPA</h1>	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
	Application for Pesticide:	Notification	

Section I

1. Company/Product Number 61282-55	2. EPA Chemical Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioSentry 904	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) HACCO, Inc. 110 Hopkins Drive Randolph, WI 53956 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section II

<input type="checkbox"/> Amendment - Explain Below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II).
 Pursuant to PR-Notice 98-10, we are hereby notifying the Agency of the addition of graphics on the front cover of the label, for the product: BioGuard GP Disinfectant Sanitizer, EPA Reg. No. 61282-54.

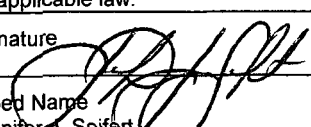
Section III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <small>*Certification must be submitted.</small>	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Unit Package Wt. No. Per Container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Package Wt. No. Per Container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) <u>C</u>
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph Other (_____) <input checked="" type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Jennifer J. Seifert	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) (920) 326-2465
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		Date Application Received (Stamped)
2. Signature 	3. Title Manager, Regulatory Affairs	
4. Typed Name Jennifer J. Seifert	5. Date June 6, 2011	



BioSentry® 904

Bactericide • Fungicide • Virucide*

* See Side Panels for Specific Claims

FOR INDUSTRIAL AND COMMERCIAL USE ONLY

- Poultry hatchery disinfectant
- Farm premise disinfectant
- Veterinary and animal care disinfectant
- For poultry, swine, and livestock premises
- For chicken, turkey, duck, quail, ostrich and other avian hatcheries
- For veterinary, laboratory animal, kennel and animal breeder facilities
- Effective in 400-ppm hard water as (CaCO₃)
- Disinfects in 5% organic soil load

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride.....	9.2%
Alkyl (C ₁₂ , 61%; C ₁₄ , 23%; C ₁₆ , 11%; C ₁₈ , 2.5%; C ₅ & C ₁₀ , 2.5%) dimethyl benzyl ammonium chloride.....	9.2%
Alkyl (C ₁₂ , 40%; C ₁₄ , 50%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride.....	4.6%
bis-n-tributyltin oxide.....	1.0%
INERT INGREDIENTS:	76.0%
TOTAL INGREDIENTS:	100.00%

EPA Reg. No. 61282-55

EPA Est. No. 10183-MI-01

KEEP OUT OF REACH OF CHILDREN DANGER

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 CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Remove and wash contaminated clothing before reuse.

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.

IF INHALED: 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 severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves when handling. Harmful or fatal if swallowed or inhaled. Avoid breathing vapors or spray mist. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

PHYSICAL AND CHEMICAL HAZARDS

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.

BROAD SPECTRUM GERMICIDAL ACTION IN HARD WATER AND UNDER SOIL LOAD CONDITIONS: At ½ ounce per gallon (1:256) in official A.O.A.C. Use Dilution and Fungicidal Tests, BioSentry® 904 Disinfectant is effective in water up to 400 ppm hardness (as CaCO₃) and an organic soil load of 5% serum against the following organisms:

BACTERIA

<i>Actinobacillus pleuropneumoniae</i> ATCC 27088	<i>Actinomyces pyogenes</i> ATCC 19411
<i>Alcaligenes faecalis</i> ATCC 8748	<i>Bordetella avium</i> ATCC 35086
<i>Corynebacterium pseudotuberculosis</i> ATCC 19410	<i>Bordetella bronchiseptica</i> ATCC 19395
<i>Enterococcus faecium</i> (<i>Streptococcus faecalis</i>) ATCC 6569	<i>Enterobacter aerogenes</i> ATCC 63809
<i>Klebsiella pneumoniae</i> ATCC 4352	<i>Escherichia coli</i> ATCC 11229
<i>Mycoplasma hypopneumoniae</i> ATCC 25934	
<i>Mycoplasma gallinarum</i> ATCC 19708	<i>Mycoplasma gallisepticum</i> ATCC
	<i>Mycoplasma iners</i> ATCC 19705
	15302

Pasteurella multocida ATCC 7707
Pseudomonas aeruginosa ATCC 15442
Salmonella enteritidis ATCC 4931
Salmonella typhosa ATCC 6539
Shigella sonnei ATCC 29930
Streptococcus equi var. *equi* ATCC 33398
Streptococcus equi var. *zooepidermicus* ATCC 43079

Proteus mirabilis ATCC 25933
Rhodococcus equi ATCC 6939
Salmonella gallinarum ATCC 9184
Serratia marcescens ATCC 264
Staphylococcus aureus ATCC 6538
Streptococcus pyogenes ATCC 9547

Proteus morganii ATCC 25830
Salmonella choleraesuis ATCC 10708
Salmonella pullorum ATCC 9120
Shigella dysenteriae ATCC 13313
Streptococcus agalactiae ATCC 27916

FUNGI

Aspergillus fumigatus ATCC 10894
Candida albicans ATCC 18804
Trichophyton mentagrophytes var. *interdigitale* ATCC 9533

VIROSES: Using accepted virus propagation and hard surface test methods, BioSentry® 904 Disinfectant is effective at 1:256 in 400 ppm hard water and 5% serum against the following viruses:

Avian influenza ATCC VR-798	Avian laryngotracheitis ATCC VR-783	Canine distemper, Onderstepoort strain
Canine herpesvirus ATCC VR-552	Canine parvovirus ATCC VR-953	Equine herpesvirus ATCC VR-700
Equine influenza A ATCC VR-297	Feline infectious peritonitis, Strain DF-2	Infectious bronchitis ATCC VR-22
Newcastle's disease ATCC VR-109	Parainfluenza ATCC VR-281	Porcine parvovirus ATCC VR-742
Pseudorabies ATCC VR-135	Infectious bursal disease (Gumboro) ATCC VR-478	
Vesicular stomatitis virus, Indiana	Swine PRRS virus, Reference Strain, NVSL	
Transmissible gastroenteritis ATCC VR-763		

BioSentry® 904 Disinfectant is a complete, chemically balanced disinfectant providing clear use solutions even in hard water - is a residual bacteriostat and inhibits bacterial growth on moist surfaces - contains rust and corrosion inhibitors - deodorizes by killing most microorganisms that cause offensive odors - kills a broad range of gram-negative and gram-positive bacteria, fungi and viruses associated with the avian hatching industry, poultry, swine and livestock premises, laboratory animal facilities and kennels. (See antimicrobial efficacy chart on side panels). Contains sequestering agents, to prevent the precipitation of minerals and metals from hard water.

DIRECTIONS FOR USE

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

DIRECTIONS FOR USE ON POULTRY, SWINE AND LIVESTOCK FARMS GENERAL FARM DISINFECTANT USES:

- Remove all livestock and feeds from premises, trucks, coops or crates to be treated.
- Remove all litter, bedding and manure from floors, walls and surfaces of facilities traversed or occupied by animals.
- Empty all feeding devices and watering appliances.
- Clean all surfaces with water or water and a compatible detergent.
- Saturate all surfaces with this product diluted at ½ ounce per gallon of water using a brush, cloth, mop or mechanical spraying device. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure. Treated surfaces must remain moist for at least 10 minutes for proper germicidal action.
- Ventilate buildings, trucks, coops and other closed spaces. Do not house livestock or use equipment until treatment has thoroughly dried.
- Thoroughly scrub treated feeding and watering equipment with detergent and rinse with potable water before reuse.

FOR DISINFECTING PRECLEANED SURFACES: Use BioSentry® 904 Disinfectant to disinfect precleaned surfaces including hatching, setters, trays, racks, egg flats, walls, floors, ceilings and other surfaces in the hatchery environment. It is also excellent for chickboxes, egg cases, vans and trash containers. Preclean the surface to be disinfected with BioSentry® 453 or another compatible BioSentry® hatchery cleaner. Rinse and if possible let surfaces dry. Then, apply BioSentry® 904 Disinfectant at ½ ounce per gallon by immersion, by flowing solution over treated surfaces, by use of a soft coarse spray, or with a clean mop, cloth or through a foaming apparatus. Thoroughly wet surfaces. Surfaces should remain moist for 10 minutes for complete disinfection. Do not rinse. Leave treatment on treated surfaces to maintain a bacteriostatic effect on moist surfaces.

NOTE: Do not spray BioSentry® 904 Disinfectant disinfecting solutions unless workers are protected from breathing the spray mist.

DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES: Clean and rinse vehicles and disinfect with ½ ounce BioSentry® 904 Disinfectant per gallon. If desired, rinse after 10 minutes of contact or leave unrinsed.
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 of BioSentry® 904 Disinfectant. Take care to avoid disinfectant use solution contact with animals, feed, feed equipment, water or watering devices. If spray contacts feeders or waterers, scrub them and rinse well with potable water before they are reused.

BOOT BATH: Use 1 oz. per gallon in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

SANITIZING HATCHERY ROOMS USING THE BIOSENTRY® FOGGER 185 OR agMISTER: Close room off so fog is confined to room to be treated. Mix one (1) part BioSentry® 904 Disinfectant to five (5) parts water (½ gallon BioSentry® 904 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 with the BioSentry® Fogger 185. If using the agMister, fog for 3 minutes 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 1-4 hours in this environment.

NOTE: The fog generated by the BioSentry® Fogger 185 and the agMister is very irritating to eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

SANITIZING INCUBATORS AND HATCHERIES: 904 Disinfectant to 122 ounces of water. Fog daily in setters and every 12 hours into hatch hatch. Do not allow people to contact or breathe after fogging is completed). To do this, instantly disperse the sanitizing solution as a fog. Con. It is also satisfactory to fog setters and hatch done, fog for 30-90 seconds once per hour assistance.

SANITIZING POULTRY HOUSES AND THROUGH THE BIOSENTRY® FOGGER: under "General Farm Disinfectant Uses," do building. Close all windows, doors, louvers, BioSentry® 904 Disinfectant with two (2) part setting on maximum output, fog the treatme BioSentry® 904 Disinfectant for each 6000-81 gallons per 6000-8000 square feet of floor sp is to be sanitized. The fogger itself may be pl may be inserted through a suitable opening in the nozzle. After fogging, the building shou have settled and the house can now be open before it is repopulated with poultry or livesto **NOTE:** The fog generated by the BioSentry membranes. Under no circumstances should normally 2-4 hours after the actual fogging. If or room must wear a self-contained respirator and waterers were not removed from the prer treatment, they should be washed with deterge Do not use BioSentry® 904 Disinfectant on w render the vaccines ineffective. BioSentry® compounds or products.

DIRECTIONS FOR USE IN VETERINARY CENTERS, ANIMAL BREEDING FACILITIES: 904 Disinfectant is a one-step germicide, fung (5% serum). It is non-selective and when used varnished wood, glass or metals. For cleaning and disinfecting the following stables, stalls and catteries. Remove all animal all litter, droppings and manure from floors, w Thoroughly clean all surfaces with soap or de per gallon of water (or equivalent dilution) fo surfaces or with a mop, sponge, cloth or bow ounces per gallon of water. To control mold an per gallon. Allow to dry without wiping. Res becomes diluted or soiled. Ventilate buildings and other closed spaces. Do or dried. Thoroughly scrub all treated feed r water with soap or detergent, and rinse with po

STORAGE

Do not contaminate
STORAGE: Store in original container
DISPOSAL: If empty: Do not reuse
Do not contaminate water, food or feed
STORAGE: Store only in original con
containers closed and away from other c
PESTICIDE DISPOSAL: Wastes resu
may be disposed of on site or at an appr
CONTAINER DISPOSAL: Dispose
allowed by state and local authorities, by

For non-

BioSentry® is a Registered Trademark of Neog Code (NG.NT.) NG.NO.

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BioSentry® 904

Disinfectant • Virucide*

Use for Specific Claims
COMMERCIAL USE ONLY

- * Farm premise disinfectant
- * For poultry, swine, and livestock premises
- Use on ostrich and other avian hatcheries
- Use on kennel and animal breeder facilities
- Use on (2) * Disinfects in 5% organic soil load

9.2%	9.2%	4.6%	1.0%	75.0%	100.0%
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EPA Est. No. 10183-MI-01

PROTECTION OF CHILDREN AND PETS

Soak contact lenses in water for 15-20 minutes. Remove contact lenses, if present, immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water before reuse.

Call 1-498-5743 (US & Canada) or 1-651-523-0318 (all other areas) for more information. Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water before reuse.

STATEMENTS

Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water before reuse.

Use this product into lakes, streams, ponds, estuaries, oceans or a National Pollutant Discharge Elimination System (NPDES) prior to discharge. Do not discharge effluent containing this product into sewage treatment plant authority. For guidance, contact your local health department.

WATER AND UNDER SOIL LOAD CONDITIONS: At 1/4 ounce per gallon, BioSentry® 904 Disinfectant is effective in 30 seconds against the following organisms:

- Acetomyces pyogenes* ATCC 19411
- Bordetella bronchiseptica* ATCC 19395
- Enterobacter aerogenes* ATCC 29389
- Escherichia coli* ATCC 11229
- Neumonias* ATCC 25934
- Mycoplasma iners* ATCC 19705

- Pasteurella multocida* ATCC 7707
- Pseudomonas aeruginosa* ATCC 15442
- Salmonella enteritidis* ATCC 4931
- Salmonella typhosa* ATCC 6539
- Shigella sonnei* ATCC 29930
- Streptococcus equi var. equi* ATCC 33398
- Streptococcus equi var. zooepidermicus* ATCC 43079
- Proteus mirabilis* ATCC 25933
- Rhodococcus equi* ATCC 6939
- Salmonella gallinarum* ATCC 9184
- Serratia marcescens* ATCC 264
- Staphylococcus aureus* ATCC 6538
- Streptococcus pyogenes* ATCC 9547
- Proteus morganii* ATCC 25830
- Salmonella choleraesuis* ATCC 10708
- Salmonella pullorum* ATCC 9120
- Shigella dysenteriae* ATCC 13313
- Streptococcus agalactiae* ATCC 27916

FUNGI

- Aspergillus fumigatus* ATCC 10894
- Trichophyton mentagrophytes var. interdigitale* ATCC 9533
- Candida albicans* ATCC 18804

VIRUSES: Using accepted virus propagation and hard surface test methods, BioSentry® 904 Disinfectant is effective at 1:256 in 400 ppm hard water and 5% serum against the following viruses:

- Avian influenza ATCC VR-798
- Canine herpesvirus ATCC VR-552
- Equine influenza A ATCC VR-2
- Newcastle's disease ATCC VR-109
- Pseudorabies ATCC VR-135
- Vesicular stomatitis virus, Indiana
- Transmissible gastroenteritis ATCC VR-763
- Avian laryngotracheitis ATCC VR-783
- Canine parvovirus ATCC VR-953
- Feline infectious peritonitis, Strain DF-297
- Parainfluenza ATCC VR-281
- Infectious bursal disease (Gumboro) ATCC VR-478
- Swine PRRS virus, Reference Strain, NVSL
- Canine distemper, Onderstepoort strain
- Equine herpesvirus ATCC VR-700
- Infectious bronchitis ATCC VR-22
- Porcine parvovirus ATCC VR-742

BioSentry® 904 Disinfectant is a complete, chemically balanced disinfectant providing clear use solutions even in hard water - is a residual bacteriostat and inhibits bacterial growth on moist surfaces - contains rust and corrosion inhibitors - deodorizes by killing most microorganisms that cause offensive odors - kills a broad range of gram-negative and gram-positive bacteria, fungi and viruses associated with the avian hatching industry, poultry, swine and livestock premises, laboratory animal facilities and kennels. (See antimicrobial efficacy chart on side panels). Contains sequestering agents, to prevent the precipitation of minerals and metals from hard water.

DIRECTIONS FOR USE

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

DIRECTIONS FOR USE ON POULTRY, SWINE AND LIVESTOCK FARMS GENERAL FARM DISINFECTANT USES:

- (a) Remove all livestock and feeds from premises, trucks, coops or crates to be treated.
- (b) Remove all litter, bedding and manure from floors, walls and surfaces of facilities traversed or occupied by animals.
- (c) Empty all feeding devices and watering appliances.
- (d) Clean all surfaces with water or water and a comparable detergent.
- (e) Saturate all surfaces with this product diluted at 1/2 ounce per gallon of water using a brush, cloth, mop or mechanical spraying device. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure. Treated surfaces must remain moist for at least 10 minutes for proper germicidal action.
- (f) Ventilate buildings, trucks, coops and other closed spaces. Do not house livestock or use equipment until treatment has thoroughly dried.
- (g) Thoroughly scrub treated feeding and watering equipment with detergent and rinse with potable water before reuse.

FOR DISINFECTING PRECLEANED SURFACES: Use BioSentry® 904 Disinfectant to disinfect precleaned surfaces including hatching, setters, trays, racks, egg flats, walls, floors, ceilings and other surfaces in the hatchery environment. It is also excellent for chickboxes, egg cases, vans and trash containers. Preclean the surface to be disinfected with BioSentry® 453 or another compatible BioSentry® hatchery cleaner. Rinse and if possible let surfaces dry. Then, apply BioSentry® 904 Disinfectant at 1/2 ounce per gallon by immersion, by flowing solution over treated surfaces, by use of a soft coarse spray, or with a clean mop, cloth or through a foaming apparatus. Thoroughly wet surfaces. Surfaces should remain moist for 10 minutes for complete disinfection. Do not rinse. Leave treatment on treated surfaces to maintain a bacteriostatic effect on moist surfaces.

NOTE: Do not spray BioSentry® 904 Disinfectant disinfecting solutions unless workers are protected from breathing the spray mist.

DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES: Clean and rinse vehicles and disinfect with 1/2 ounce BioSentry® 904 Disinfectant per gallon. If desired, rinse after 10 minutes of contact or leave unrinsed. **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 of BioSentry® 904 Disinfectant. Take care to avoid disinfectant use solution contact with animals, feed, feed equipment, water or watering devices. If spray contacts feeders or waterers, scrub them and rinse well with potable water before they are reused.

BOOT BATH: Use 1 oz. per gallon in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

SANITIZING HATCHERY ROOMS USING THE BIOSENTRY® FOGGER 185 OR agMISTER: Close room off so fog is confined to room to be treated. Mix one (1) part BioSentry® 904 Disinfectant to five (5) parts water (1/4 gallon BioSentry® 904 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 with the BioSentry® Fogger 185. If using the agMister, fog for 3 minutes 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 1-4 hours in this environment.

NOTE: The fog generated by the BioSentry® Fogger 185 and the agMister is very irritating to eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

SANITIZING INCUBATORS AND HATCHERS BY FOGGING: Prepare a stock solution of 6 fluid ounces BioSentry® 904 Disinfectant to 122 ounces of water. Fog 3-8 hours of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours into hatchers. Discontinue hatcher treatments approximately 24 hours before 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). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. Contact your BioSentry® Technical Representative if you need assistance. It is also satisfactory to fog setters and hatchers with a 1/2 ounce per gallon solution of BioSentry® 904 Disinfectant. If this is done, fog for 30-90 seconds once per hour or once every two hours. Contact your BioSentry® Technical Representative for assistance.

SANITIZING POULTRY HOUSES AND LIVESTOCK BUILDINGS USING BIOSENTRY® 904 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 all poultry, livestock and pets have vacated the building. Close all windows, doors, louvers, curtains, etc. making the house as closed as tight as possible. Mix one (1) part BioSentry® 904 Disinfectant with two (2) parts water in the reservoir of the BioSentry® Fogger 185 or agMister. With the setting on maximum output, fog the treatment into the room or building to be sanitized. Use a total of one (1) gallon of BioSentry® 904 Disinfectant for each 6000-8000 square feet of floor space. If the area is more than 25 feet high, use two (2) gallons 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 hours before it is repopulated with poultry or livestock.

NOTE: The fog generated by the BioSentry® Fogger 185 and the agMister is very irritating to eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 2-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants. If feeders and waterers were not removed from the premise during 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. Do not use BioSentry® 904 Disinfectant on vaccination equipment, needles or diluent bottles as the residual germicide may render the vaccines ineffective. BioSentry® 904 Disinfectant should not be mixed with other cleaning or disinfecting compounds or products.

DIRECTIONS FOR USE IN VETERINARY CLINICS, ANIMAL CARE FACILITIES, ANIMAL RESEARCH CENTERS, ANIMAL BREEDING FACILITIES, KENNELS AND ANIMAL QUARANTINE AREAS: BioSentry® 904 Disinfectant is a one-step germicide, fungicide, soapless cleaner and deodorant effective in the presence of organic soil (5% serum). It is non-selective and when used as directed, will not harm tile, terrazzo, resilient flooring, concrete, painted or varnished wood, glass or metals.

For cleaning and disinfecting the following hard nonporous surfaces: equipment, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/2 ounce per gallon of water (or equivalent dilution) for a period of 10 minutes. Apply by immersion, flushing solution over treated surfaces or with a mop, sponge, cloth or bowl mop to thoroughly wet surfaces. To clean badly soiled areas, use up to 1 1/2 ounces per gallon of water. To control mold and mildew growth on previously cleaned, hard nonporous surfaces, use 1/2 ounce per gallon. Allow to dry without wiping. Reapply as new growth appears. Prepare fresh solutions daily or when solution becomes diluted or soiled. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse.

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. 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.

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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 Code (NG.NT.) NG.NO.

After Label