6282-53

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

2/26/2009

FEB 26 2009

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Jennifer Siefert HACCO, Inc. 110 Hopkins Drive Randolph, WI 53956

Subject: **BioPhene Liquid Disinfectant** EPA Registration No.: 61282-53 Application Date: February 11, 2009 Receipt Date: February 13, 2009

Dear Ms. Siefert:

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

## Proposed Notification:

**Revised Storage and Disposal Statements** 

## **General Comment:**

Based on a review of the material submitted, the following comment applies:

A copy of the notification is accepted and has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-8583 or by e-mail at <u>mitchell.emily@epa.gov</u> or Stacey Grigsby by telephone at (703) 305-6440 or by e-mail at <u>grigsby.stacey@epa.gov</u> during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

Emily Mitchell (Acting) Product Manager (34) Regulatory Management Branch II Antimicrobials Division (7510C)

lease read instructions on re	everse before cor 'eting form.			0. Approval expires 2-28
(A)	United States Environmental Protect	ion Agency 🔲 Regu	stration	P Identifier Number
EPA	Office of Pesticide Programs (H	7505C) 🗌 Ame	ndment	
	Washington, DC 20460	-	r (	
	Application for Pesti	cide: Notific	ation	
		Section I		
1. Company/Product Number 61282-53		2. EPA Chemical Manager Adam Heyward	3. Proposed Class	
4. Company/Product (Name) BioPhene Liquid Disinfectan		PM# 34		
5. Name and Address of Appl		6. Expedited Review. In accord		
HACCO, Inc. 110 Hopkins Drive Randolph, WI 53956		product is similar or identical in c		
_		Product Name		
Check if this is a new a	auuress	Section II		
Amendment - Explain E	Below	Final printed labels in res	ponse to Agency lette	r dated
	nse to Agency letter dated			
Notification - Explain be	elow	Other - explain below		
Explanation: Use additional p	age(s) if necessary. (For Section I and	Section II).		· · · · · · · · · · · · · · · · · · ·
NOTIFICATION of Revised St Reg. No. 61282-53.	torage and Disposal statements. Purs	uant to PR-Notice 2007-04, for the	product: BioPhene Li	quid Disinfectant, EPA
<u> </u>				
		Section III		
1. Material This Product W	/ill Be Packaged In:	Section III	· · · · · ·	
	Unit Packaging	Water Soluble Packaging	2. Type of Contain	er
Child-Resistant Packaging		Water Soluble Packaging	2. Type of Contention	er
Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging		er
Child-Resistant Packaging Child-Resistant Packaging Ves* No *Certification must be	Unit Packaging	Water Soluble Packaging Yes No	- Metal	er
Child-Resistant Packaging Child-Resistant Packaging Ves* No *Certification must be	Unit Packaging	Water Soluble Packaging	Histal     Plastic     Glass     Paper	
Child-Resistant Packaging      Yes*      No  *Certification must be submitted.	Unit Packaging           Unit Packaging           Yes           No           If "Yes,"           No. Per           Unit Package Wt.	Water Soluble Packaging Ves No If "Yes," No. Per Package Wt. Container	Hetal     Plastic     Glass	y) <u>C</u>
Child-Resistant Packaging      Yes*      No  Certification must be submitted.	Unit Packaging           Unit Packaging           Yes           No           If "Yes,"           No. Per           Unit Package Wt.	Water Soluble Packaging Ves No If "Yes," No. Per Package Wt. Container	Hetal     Plastic     Glass     Paper     Other (Specir	y) <u>C</u>
Child-Resistant Packaging  Yes* No Certification must be submitted.	Unit Packaging           Unit Packaging           Yes           No           If "Yes,"           No           If "Yes,"           No           If "Yes,"           No           If "Yes,"           No           If ormation	Water Soluble Packaging Ves No If "Yes," No. Per Package Wt. Container	Metal     Plastic     Glass     Paper     Other (Specin     S. Location of Label     On Label	y) <u>C</u>
Child-Resistant Packaging Pes* No Certification must be submitted. Contain Label Contain	Unit Packaging	Water Soluble Packaging Ves No If "Yes," No. Per Package Wt. Container	Metal     Plastic     Glass     Paper     Other (Specin     S. Location of Label     On Label	y) <u>C</u> I Directions
Child-Resistant Packaging  Yes* No Certification must be submitted.  Label Contain	Unit Packaging	Water Soluble Packaging  Yes No If "Yes," No. Per Package Wt. Container  4. Size(s) of Retail Container Other (	Metal     Plastic     Glass     Paper     Other (Specin     S. Location of Label     On Label	y) <u>C</u> I Directions
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Child-Resistant Packaging          Yes*         No         *Certification must be submitted.         3. Location of Net Contents In         Label       Contain         6. Manner In Which Label IS A         1. Contact Point (Complete Name	Unit Packaging Yes No No Per Unit Package Wt. Container Iformation ner Affixed To Product Paper Glue Stenciled	Water Soluble Packaging  Yes No Yes No If "Yes," No. Per Package Wt. Container 4. Size(s) of Retail Container  Other (	Metal     Plastic     Glass     Paper     Other (Specify     State of Label     On Label     On Label     On Labeling     Sary, to process this a     Telephone No. (Inc	y) <u>C</u> I Directions accompanying product ) application.)
Child-Resistant Packaging          Yes*         No         *Certification must be submitted.         3. Location of Net Contents In         Label       Contain         6. Manner In Which Label IS A         1. Contact Point (Complete         Name	Unit Packaging Yes No If "Yes," No. Per Unit Package Wt. Container Iformation ner Affixed To Product Lithograph Paper Gluen Stenciled items directly below for identification of	Water Soluble Packaging  Yes No No Ver Package Wt. No. Per Package Wt. Container  Size(s) of Retail Container  Other (	Metal     Plastic     Glass     Paper     Other (Special     On Label     On Label     On Labeling     Sary, to process this a     Telephone No. (Inc     (920) 326-2461.	y) <u>C</u> I Directions accompanying product ) application.) Iude Area Code) Code) Code
Child-Resistant Packaging  Yes* No  Certification must be submitted.  Label Contain Label Contain Manner In Which Label A  Contact Point (Complete Name Jennifer J. Seifert Lacknowledge that any knowin	Unit Packaging Yes No No Per Unit Package Wt. Container Iformation ner Affixed To Product Paper Glue Stenciled	Water Soluble Packaging  Yes No Yes No Yer Package Wt. No. Per Package Wt. Container  Size(s) of Retail Container  Other (	Metal     Plastic     Glass     Paper     Other (Specify     Secify of Label     On Label     On Label     On Labeling     sary, to process this a     Telephone No. (Inc     (920) 326-3461.     E complete.	y) <u>C</u> I Directions accompanying product ) application.) lude Հrea Code)
Child-Resistant Packaging          Yes*         No         *Certification must be submitted.         3. Location of Net Contents In         Label       Contain         6. Manner In Which Label AS A         1. Contact Point (Complete         Name         Jennifer J. Seifert         I certify that the statements I h	Unit Packaging Yes No No Per Unit Package Wt. Container If "Yes," No. Per Unit Package Wt. Container Iformation Paper Gluen Paper Gluen Stenciled  items directly below for identification of Certification ave made on this form and all attachme	Water Soluble Packaging  Yes No Yes No Yer Package Wt. No. Per Package Wt. Container  Size(s) of Retail Container  Other (	Metai     Plastic     Glass     Paper     Other (Special     On Label     On L	y) <u>C</u> I Directions accompanying product ) application.) Iude Area Code) Code



Registration Office 110 Hopkins Drive Randolph, WI 53956-1316 920 / 326-5141 920 / 326-5135 www.hacco.com

February 11<sup>th</sup>, 2009

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

RE: BioPhene Liquid Disinfectant EPA Reg. No. 61282-53

Gentlemen/Ladies:

Pursuant to PR-Notices 2007-04, in regard to the subject product, we are hereby notifying the Agency of the revision to the Storage and Disposal text.

Following is my statement as required by PR-Notice 2007-04:

Notification of label change per PR Notice 2007-04. This notification is consistent with the guidance in PR Notice 2007-04 and the requirements of EPA's regulations at 40 CFR §156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Attached please find the completed application form marked for Notification, as well as a "before" and "after" label, with the alternate brand name clearly marked.

If you should have any questions regarding this matter, please contact me at 920-326-2461.

Sincerely, J. Seiffert Jennlfe Affairs Mahager, Regulatory CCO. h jseifert@ned

Enclosure(s): 2

Quality Formulation of Rodenticides and Other Products

Fed Ex:

8671 4551 1755

# BioPhene<sup>TM</sup> Liquid Disinfectant

### **Disinfectant** • Cleaner

#### FOR INDUSTRIAL AND COMMERCIAL USE ONLY

\* Proven Effective as a One-Step Cleaner-Distufectant 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	
o-Benzyl-p-chlorophenol	9.97%
p-tert-Ámylphenol	1.95%
INERT INGREDIENTS:	80 16%
TOTAL INGREDIENTS:	

EPA Reg. No. 61282-53

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: Corrostve: 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.

#### nal Protective Equipment (PPE):

cators and other handlers must wear

- Long-sleeved shirt and pants .
- Socks plus shoes
- Goggles or face shield ٠
- Chemical-resistant apron
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, PVC or viton > 14 mils).

#### USER SAFETY REOUIREMENTS:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detargent 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 taxic 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<sup>®</sup> BioPhene<sup>™</sup> Disinfectant is an effective disinfectant in 400 ppm hard water and 5% serum against the following bacteria and fungi,

Alcaligenes faecalis	Aspergillus fumigatus	Brevibacter ammoniagenes
Brucella abortus	Candida albicans	Enterobacter aerogenes
Enterococcus faectum (Streptoc	occus faecalis)	Escherichia coli
Klebsiella pneumoniae	Mycoplasma gallisepticum	Mycoplasma iners
Pasteurella multocida	Pseudomonas aeruginosa	Salmonella choleraesuis
Salmonella enteriditis	Salmonella schottmuelleri	Shigella dysenteriae
Staphylococcus aureus	Streptococcus pyogenes	Trichophyton mentagrophytes

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

To clean badly soiled areas use 11/2 ounce per gallon of water (12 ml/liter).

Remove all animals, poultry and feed from premises, trucks and enclosures.

Thoroughly clean all surfaces with soap or detergent and rinse with water.

Saturate all surfaces with the recommended solution for a period of 10 minutes.

Empty all troughs, racks, and other feeding and watering appliances.

equipment until treatment has been absorbed, set or dried.

To disinfect, allow treated surfaces to stand for at least 10 minutes before wiping.

solutions daily or when solution becomes visibly dirty.

GENERAL FARM DISINFECTANT USES:

occupied or traversed by animals or poultry.

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

Allow to dry without wiping. Reapply as new growth appears.

VIRUSES: Using accepted virus propagation and hard surface test methods, BioSentry<sup>⊕</sup> BioPhene<sup>™</sup> Disinfectant is effective at 1:256 in 400 ppm hard water and 5% serum against the following:

DIRECTIONS FOR USE

BioSentry<sup>®</sup> BioPhene<sup>™</sup> Disinfectant is a one-step germioide, fungicide, soapless cleaner and deodorant, effective in the

To clean and disinfect hard non-porous surfaces, use ½ 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

To control mold and mildew growth on previously cleaned, hard, non-porous surfaces, use 1/2 ounce per gallon.

Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities

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 sorapers used for removing litter and manure, in the recommended use solutions.

Ventilate buildings, vehicles, trailers and other closed spaces. Do not house livestock or poultry or employ

Thoroughly sorub treated feeding and watering equipment with detergent and ninse with potable water before reuse.

Avian influenza	
Infectious bronchitis	
Parainfluenza	
Swine PRRS virus	

presence of organic soil.

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(a)

**(b)** 

(c)

(d)

(e)

(f)

(g)

(ኬ)

Avian laryngotracheitis Infectious bursal disease (Gumboro) Porcine parvovirus Transmissible gastroenteritis

Canine parvovirus Newcastle's disease Pseudorabies Vesicular stomatitis virus

FARM BOOT BATH: Use 1 ounce per g

an effective cleaner and germicide for floors. operating rooms, emergency rooms, patient rc

ml/liter), BioSentry<sup>Ф</sup> BioPhene<sup>™</sup> Disinfectant surfaces: restrooms, shower and bath areas, ex

FOR SPRAY APPLICATIONS: Following others to enter treated area until sprays have d

APPLICATION RESTRICTIONS: Do not directly or through drift. Only protected handl

#### STORA Do not contami

For Container Sizes 1 Gallon or Less Store in original container in areas inaccessibl Do not reuse empty container. Discard in trasl For Container Sizes Greater than 1 Gallon: **PESTICIDE STORAGE:** 

Do not store on side. Avoid creasing or impac PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Impi Federal Law. If these wastes cannot be dispo Environmental Control Agency, or the Hazard

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for rea

by incineration, or, if allowed by State and loc

For non-e

SANITIZING HATCHING EGGS: Use 1/2 ounce per gallon (4 ml/liter) of BioSentry® BioPhene™ Disinfectant and apply by immension, 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.

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 ½ 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.

FOR FOG APPLICATIONS: Thoroughly ventilate entire enclosed area following application. This fog generated by the BioSentry<sup>®</sup> 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<sup>®</sup> 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, livestook and pets have vacated the building. Close all windows, doors, louvers, curtains, etc., making the house as closed and tight as possible. Mix 1 part BioSentry<sup>®</sup> BioPhene<sup>™</sup> Disinfectant with two parts water in the reservoir of the BioSentry<sup>®</sup> Fogger. With the setting on maximum output, fog the treatment into the room or building to be sanitized. (Use a total of 1 gailon (3.79 liters) of BioSentry® BioPhene<sup>#</sup> Disinfectant for each 6000-8000 square feet of floor space. If the area is more than 25 feet high, use 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

BioSentry® is a Registered Trademark of Neo BioPhene™ is a Trademark of Neogen Corpo.

Code (NE.NT.) NE.NO.

INCUBATOR AND HATCHER FOGGIN to 122 ounces water (1.8 liters to 3.6 liters). F transfer. Repeat daily in setters and every 121 NOTE: Discontinue hatcher treatments at h

water) (½ gallon BioSentry® BioPhene™ Di

suitable opening into the room. With the sett space in the room. Do not allow people to t

settled or exhausted. Normally this is 1-2 hou:

breathe this fog and do not enter machines u satisfactory to fog setters and hatchers with Disinfectant on an hourly or every other hour hours. Fogging is to be used as an adjunct to a

VEAL, CALVING, HOG, CATTLE AND disinfection of pens, hutches, aisles, ventilat Flush soils from these areas and clean and Disinfectant, Take care to avoid spray and ( devices. If spray is used on or contacts feede reused

becomes visibly soiled. Use a nylon brush to (

FOR HEALTH-CARE FACILITIES: At 1/2

FOR SCHOOLS, MOTELS, INSTITUTI

## isinfectant

#### ۲r. **AL USE ONLY** 5% Organic Serum for Poultry, Swind nary Uses. r gallon)

100.00%

EPA Est. No. 10183-MI-

### CHILDREN

ninutes. Remove contact lenses, if preamediately with plenty of water for 15 atment advice. Have person sip a glass bison control center or doctor. Do not 111 or an ambulance, then give artifi

container or label with you when callin

i & Canada) or 1-651-523-0318 (all of

use of gastric lavage. Measures aga

Q

, or absorbed through skin or inhaled. yray mist. Wear long-sleeved shirt and le slonged or frequently repeated skin con drinking, chewing gum, using tobacco

r, nitrile rubber, neoprene rubber, PVC

structions for washables, use detergent

) or using the toilet. Users should remove re removing. As soon as possible, wash diately if pesticide gets inside. Then wash

nto lakes, streams, ponds, estuaries, oceans nt Discharge Elimination System (NPDES) e. 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 400 ppm hard water and 5% serum against the following bacteria and fungi.

ne,	Alcaligenes faecalis	Aspergillus fumigatus	Brevibacier ammoniagenes
	Brucella abortus	Candida albicans	Enterobacter aerogenes Escherichia coli
	Enterococcus faecium (Strepto Klebsiella pneumontae	coccus jaecans) Mycoplasma gallisepticum	Escherichia con Mycoplasma iners
	Pasteurella multocida	Pseudomonas aeruginosa	Salmonella choleraesuis
7 000/	Salmonella enteriditis	Salmonella schottmuelleri	Shigella dysenteriae
. 7.92% . 9.97%	Staphylococcus aureus	Streptococcus pyogenes	Trichophyton mentagrophytes
. 1.95% 8 <u>0.16%</u>		virus propagation and hard surface test metho ard water and 5% serum against the following:	ds, BioSentry <sup>®</sup> BioPhene <sup>™</sup> Disinfectant is
00.00%	Avian influenza	Avian laryngotracheitis	Canine parvovirus
(I-01	Infectious bronchitis	Infectious bursal disease (Gumboro)	Newcastle's disease
	Parainfluenza	Porcine parvovirus	Pseudorabies
	Swine PRRS virus	Transmissible gastroenteritis	Vesicular stomatitis virus
	It is a violation of Federal law	DIRECTIONS FOR USE to use this product in a manner inconsistent with	its labeling.
		•	•
	presence of organic soil.	ectant is a one-step germicide, fungicide, soap	
	water (4 ml/liter). App	hard non-porous surfaces, use ½ ounce of BioSe by liquid with a mop, sponge, cloth or bowl mo	
sent,		solution becomes visibly dirty.	
		reas use 11/2 ounce per gallon of water (12 ml/lite	
5-20		ted surfaces to stand for at least 10 minutes befor	
		nildew growth on previously cleaned, hard, not iping. Reapply as new growth appears.	n-potous surfaces, use 12 ounce per gallon.
ss of	•		
give	GENERAL FARM DISINF		
	( <sup>1</sup> / <sub>4</sub> ounce per gallon) (4 ml/lite		
ficial		ultry and feed from premises, trucks and enclosu manure from floors, walls and surfaces of bar	
1	occupied or traversed b		his, peris, stans, chutes and other includes
ing a		s, and other feeding and watering appliances.	
		rfaces with soap or detergent and rinse with wate	ar.
-		th the recommended solution for a period of 10 r	
other	as the cleaned forks, sh	bes and other types of equipment used in handlin ovels, and scrapers used for removing litter and r	nanure, in the recommended use solutions.
gainst		chicles, trailers and other closed spaces. Do a mt has been absorbed, set or dried.	not house livestock or poultry or employ
	(h) Thoroughly sorub treat	ed feeding and watering equipment with deterger	it and rinse with potable water before reuse.
Do	setters, buggies, trays, racks,	BioSentry <sup>®</sup> BioPhene <sup>™</sup> Disinfectant is effective equipment, utensils and other environmental	surfaces in avian hatcheries. After initial
long intact		h BioSentry <sup>®</sup> BioPhene <sup>™</sup> Disinfectant diluted ution. Do not rinse again. One step clean and dis	
co or	by immersion, foarning, low p	CGGS: Use ½ ounce per gallon (4 ml/liter) of Bi ressure spraying, flushing or wet misting. Wate n hatching eggs only. Do not apply on eggs that	r temperatures from 75°F to 110°F (24°C to
×	BioSentry <sup>®</sup> Fogger is very init livestock, or use equipment in For entry into fogged areas be	: Thoroughly ventilate entire enclosed area follo sting to eyes, skin and mucous membranes. Do r the treated area until ventilation is complete and fore ventilation is complete and fog has comp including a full-face respirator, required for app	tot enter, allow other persons to enter, house any liquid has been absorbed, set, or dried. letely dissipated, all persons must wear the
'C or	SANITIZING POULTRY	HOUSES AND LIVESTOCK BUILDINGS	USING BIOSENTRY® BIOPHENE"
		H THE BIOSENTRY® FOGGER 185: After t	
		General Farm Disinfectant Uses," double check	
t and		ting. Close all windows, doors, louvers, curtains try <sup>⊕</sup> BioPhene <sup>™</sup> Disinfectant with two parts wat	

water) (½ gallon BioSentry<sup>®</sup> BioPhene<sup>™</sup> 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 6 ounces BioSentry<sup>®</sup> BioPhene<sup>™</sup> Disinfectant to 122 ounces water (1.8 liters to 3.6 liters). Fog 3-8 ounces (88-236 ml) of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers.

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 hatchers with a 1/2 ounce per gallon (4 milliter) 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 ½ 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 1 ounce per gallon (8 mi/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: 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: 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

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

For Container Sizes 1 Gallon or Less: Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls Do not reuse empty container. Discard in trash or recycle.

For Container Sizes Greater than 1 Gallon:

PESTICIDE STORAGE:

Do not store on side. Avoid creasing or impacting of side walls.

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 DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of 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

Manufacture		
HACCO,	Inc.	•
	110 Hopkins Drive Randolph, WI 53956 U.S.A.	
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BioSentry <sup>⊕</sup> is a Registered Trademark of Neogen Corporation. BioPhene <sup>™</sup> is a Trademark of Neogen Corporation.	<b>.</b>	¢
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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

With the setting on maximum output, fog the treatment into the room or building to be sanitized. (Use a total of 1 gallon (3.79 liters) of BioSentry<sup>®</sup> BioPhene<sup>#</sup> Disinfectant for each 6000-8000 square feet of floor space. If the area is more than

25 feet high, use 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.