84545-4

07-22-2010

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# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUL 2 8 2010

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

sBioMed, LLC 1272 South 1380 W Orem, Utah 84058

Attention: Erin Tesch Regulatory Consultant

Subject:

PeraDox HC Activator Solution Part B

EPA Reg. No. 84545-4

Notification Letter Dated July 6, 2010

Application Dated July 6, 2010

This will acknowledge receipt of your notification for the aforementioned product label, submitted under the provisions of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 3© (9). Based on a review of the submitted material, the following apply:

- The Agency rejects the following proposed label changes:
  - o Addition of the Alternate Brand Name Steriplex Health Care (Par A). Statements that imply or suggest that the product can or will prevent or control disease or offer health protections are unacceptable.
  - o The term "New!" stated to be used for 6 months after commercial introduction must be removed from the label per 40 CFR 156.10 (a)(5)(i). This product was introduced commercially under an alternate name more than 6 months ago and so cannot contain the optional marketing language "New!"
  - o The phrase "Achieve FAST, broad-spectrum PATHOGEN KILL\*" must be rewritten. The asterisk refers to wording on the back panel and thus it may not be obvious to the consumer which pathogens the product targets. Either the phrase attached to the asterisk must be moved to the same side of the label as the asterisk, or the phrase "Kills pathogens as listed below (or as listed on the label)" must be added to the label.
- The Agency accepts the following proposed label changes:
  - o Formatting changes found on page 1.
  - O Addition of the following phrases found on page 1 to the label: "Activate prior to use. Read this entire label and attached insert carefully"; See attached insert for additional precautionary statements"; Read attached insert for complete Directions for Use."
  - o Addition of 68°F on page 2.

- o Addition of the following phrases on pages 3 and 4 are acceptable. "Mixed solution," "General Uses: Steriplex HC mixed solution is effective on non-porous hard surfaces." "Homes Uses: Steriplex HC mixed solution...Laundry Room Surfaces..." "Appliance Uses: (Steriplex HC mixed solution can be used on)... mobile phones...computer mouse..." And "mixed solution" under the subheading Nursery Uses, Medical Industry Uses, and General Surfaces Uses.
- O Addition of the statement "Steriplex HC Part A is formulated as one component" under the heading Use Statement on page 5. Also the phrases "Included" and "See attached insert for complete directions for use" under the heading Use Statement.
- O Addition of the phrases "mixed solution" under Application Methods on page 6. On page 6, addition of the phrase "Mark the date that the solution was mixed on the container with a permanent marker in the space provided."
- o Addition of the term "Mix Date: on page 9.

The Notification is in compliance with PR Notice 2007-4 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Abigail Downs at (703) 305-5259.

Sincerely,

Marshall Swindell

Product Manager (33)

Regulatory Management Branch I Antimicrobials Division (7510C)

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Please read instructions on	United States  Environmental Protection  Washington, DC 204			on Agency			Registration Amendment  Other		OPP Identifier Number
		Application	on for	Pesticio	de - Sect	ion	1		
1. Company/Product Number 84545-4			2. EPA Product Manager Marshall Swindell				3. Pi	roposed Classification  None Restricted	
4. Company/Product (Name) PeraDox HC Solution Part A			PM# 33						
5. Name and Address of Applicant (Include ZIP Code) sBioMed, LLC 1272 South 1380 W Orem, Utah 84058			6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No						
Check if this	s is a new address		Product Name						
			Sec	ction - I	<u> </u>				
Notification - Explain  Explanation: Use additio The alternate brand name of the etesch@tsgusa.com or via fax (2) This notification is consistent with	nal page(s) if necessa product has been added a 202) 872-0745. In the provisions of PR Notic product. I understand that i	ry. (For sections "Steriplex Health ce 98-10 and EPA t is a violation of 1	h CareTM ( A regulation: 18 U.S.C. S	Part A)" on the s at 40 CFR 1 ec. 1001 to w	52.46, and no oillfully make any	er dat applica ain be  per PR other cl y false	ed ation. Blow. Notice 98-10. hanges have b	Please conf	the labeling or the confidential understand that if this notification
			Sec	tion - Il	1				
1. Material This Product Wi	ll Be Packaged In:								
Child-Resistant Packaging  Yes No  * Certification must be submitted	Unit Packaging  Yes  No  If "Yes" Unit Packaging wgt	No. per . container	If "Ye	Yes No s"	No. per container	<u> </u>	2. Type of	Metal Plastic Glass Paper Other (5	Specify)
3. Location of Net Contents	Information	4. Size(s) Re	tail Conta	iner	1	5. Lo	cation of La	bel Directi	ons
✓ Label Container		1 gallon, 5 gallon							
6. Manner in Which Label is Affixed to Product Lithor Pape		Lithog Paper Steno	ograph Other						
	<del></del>			tion - I\	/				
1. Contact Point (Complete	items directly below	for identification				if nec	essary, to p	rocess this	s application.)
Name Erin M. Tesch, Technology Sciences Group, Inc.			Title Regulatory Consultant				Telephone No. (Include Area Code) (202) 828-8966		
l certify that the state I acknowledge that ar both under applicable	ny knowlinglly false or		all attac						6. Date Application Received (Stamped)
2. Signature			3. Title					<del>, ,</del>	
arin MTesch			Regulatory Consultant to sBioMed, LLC						( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (

4. Typed Name

Erin M. Tesch

07/06/10

5. Date



#### WASHINGTON

1150 18th Street, N.W.

Suite 1000

Washington, D.C. 20036

Telephone 202 223-4392

Fax 202 872-0745

Mr. Marshall Swindell

Office of Pesticide Programs Antimicrobial Division (7504P)

Office of Pesticide Products

U.S. Environmental Protection Agency Room S-4900, One Potomac Yard

2777 South Crystal Drive Arlington, VA 22202-4501 July 6, 2010

RE: sBioMed, LLC: PeraDox HC Solution Part A

(EPA Reg. No. 84545-4)

Notification for Label Changes per PR Notice 98-10

SACRAMENTO

712 Fifth Street

Suite A

Davis, CA 95616

Telephone 530 757-1298

Fax 530 757-1299

Dear Mr. Swindell:

Technology Sciences Group Inc., on behalf of sBioMed, LLC, is submitting the enclosed notification to add an alternate brand name to "Steriplex Health Care™ (Part A)" as well as reorganize some of the marketing statements. It is important to note that the four marketing statements included on page two of the enclosed label are not new statements, but have been previously approved by EPA in other sections of the current approved label.

You will find the following included with this submission:

- 1) EPA Application Form,
- 2) One redline version of the revised label, and
- 3) Three clean copies of the revised label.

Please do not hesitate to contact me directly with any questions and/ or concerns at (202) 828-8966 or via e-mail: <a href="mailto:etesch@tsgusa.com">etesch@tsgusa.com</a>.

Sincerely,

Erin M. Tesch

Grin MTeseli

Regulatory Agent for sBioMed, LLC

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CANADA

Suite 900 Ottawa, Ontario

K1P 5H9

275 Slater Street

Telephone 613 247-6285

Fax 613 236-3754

Erin M

E-mail tsg@tsgusa.com http://www.tsgusa.com

# Steriplex HC<sup>TM</sup> Solution Part A

Alternate Brand Name: STERIPLEX TELEPTO (PART A)

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# BEFORE USING THIS PRODUCT, READ THIS ENTIRE LABEL CAREFULLY

Steriplex HC<sup>TM</sup> is a two-part system and, when Part A and Part B are combined, create an effective Sterilant/Sporicide, Tuberculocide, and Bactericide.

# **ACTIVE INGREDIENTS:**

Silver	. 00.03 %
Inert Ingredients	. 99.97%
Total	.100.00%

# **CAUTION**

# KEEP OUT OF REACH OF CHILDREN READ ENTIRE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

[ACTIVATE PRIOR TO USE.] [READ THIS ENTIRE LABEL AND ATTACHED INSERT CAREFULLY.]

[SEE ATTACHED INSERT FOR ADDITIONAL PRECAUTIONARY STATEMENTS]

[REFER TO SIDE PANEL FOR COMPLETE ACTIVATION INSTRUCTIONS.]

[READ ATTACHED INSERT FOR COMPLETE DIRECTIONS FOR USE]

E.P.A. Reg. No. 84545-4

E.P.A. Est. No. 84545-UT-001

Net Contents:

(as indicated on Container)

# **sBioMed**

1272 South 1380 West Orem, Utah 84058 TEL: 801-922-1111 FAX: 801-922-1100

# Questions? Comments? Call 1.888.234.6142 Or visit www.sbiomed.com

- BROAD-SPECTRUM STERILANT
- A PROVEN SPORICIDAL DISINFECTANT
- Achieve FAST, broad-spectrum PATHOGEN KILI
- STERIPLEX HC Mixed Solution is an effective sporicide on hard, non-porous surfaces within the medical industry.
- Steriplex HC<sup>™</sup> is a two part system, when Part A (Steriplex HC<sup>™</sup> Solution Part A) and Part B (Steriplex HC<sup>™</sup> Activator Solution Part B) are combined, create an effective Sporicide, (Sterilant) (Disinfectant), (Antibacterial), (Deodorizer).
- Kills, (destroys), (eliminates) 99.999% of the following germs: Bacillus subtillus, Clostridium sporogenes, Mycobacterium (at 20° C), Pseudomonas aeruginosa, Salmonella enterica, and Staphylococcus aureus.
- Kills Bacillus subtillus, Clostridium sporogenes,
   Mycobacterium (at 20°C) (at 68°F), Pseudomonas aeruginosa, Salmonella enterica,
   Staphylococcus aureus
  - When used as directed, Steriplex HC<sup>™</sup> is effective against the following pathogens on hard non-porous, non-food contact surfaces:

As a Sporicide: Bacillus subtillus

Clostridium sporogenes

As a Tuberculocide: Mycobacterium (Tuberculosis)(at 20°C)

As a Bactericide: Pseudomonas aeruginosa (Pseudomonas)

Salmonella enterica (Salmonella) Staphylococcus aureus (Staph)

(Note to Reviewer: Language in ( ) is optional or interchangeable)

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- Steriplex HC<sup>TM</sup> mixed solution is a broad spectrum Sporicide
  (Disinfectant)(Sterilant) (Antibacterial) (Deodorizer), proven to kill
  (destroy)(eliminate) (deodorize) Bacillus subtillus, Clostridium sporogenes,
  Mycobacterium (at 20° C), Pseudomonas aeruginosa, Salmonella enterica,
  Staphylococcus aureus, on non-porous hard surfaces.
- General Uses: Steriplex HC<sup>™</sup> mixed solution is effective on non-porous hard surfaces in (Homes), (Hospitals), (Laboratories), (Nursing Homes), (Day Care Centers), (Medical and Dental Offices), (Animal Shelters), (Kennels), (Hotels), (Motels), (Restaurants), (Offices), (Beauty Salons & Barber Shops), (Subways), (Trains), (Airplanes), (Cruise Lines), (Busses) and (other public transportation vehicles), (Locker Rooms), (Gyms), (Restrooms), (correctional facilities), (funeral homes), (morgues), (spas), (health clubs), (salons), (schools and school medical facilities), and (school buses).
- Home uses: Steriplex HC<sup>™</sup> mixed solution has been formulated to effectively destroy (kill)(eliminate)(deodorize) Bacillus subtillus, Clostridium sporogenes, Mycobacterium (at 20° C), Pseudomonas aeruginosa, Salmonella enterica, Staphylococcus aureus, on hard, non-porous surfaces (in)(on): Kitchen (Stove Tops), (Sinks), (drain boards), (Cabinets), (Refrigerator exterior surfaces), (floors), and (window sills). (Laundry Room Surfaces). Bathroom (counter tops), (tubs), (showers), (glazed tiles), (toilet surfaces), (walls), (floors), (hampers), (diaper pails), (scales), (mirrors), (door knobs), (handles), and (faucet fixtures).
- Appliance Uses: (Steriplex HC<sup>TM</sup> mixed solution can be used on) Use on (appliances), (telephones), (cell phones), (mobile phones) (light switch covers), (computer keyboards), (computer mouse) and (remote controls).
- Nursery Uses: Steriplex HC<sup>TM</sup> mixed solution is effective (when used as directed) on (children's toys), (toys), (toy boxes), (diaper changing tables), (cribs), (strollers), (baby car seats), (play pens), (activity centers), (desks), (play table & chairs), (children's play sets), (riding toys), and (bath toys).
- Medical Industry Uses: Steriplex HCTM mixed solution is an effective Sporicide (disinfectant) (sterilant) (antibacterial) (deodorizer) on hard non-porous surfaces within the medical industry including (surfaces such as) (chairs), (stools), (counter tops), (drawer pulls), (door knobs and handles), (carts), (baskets), (pans), (pails), (IV poles), (tables), (cabinets), (lighting fixtures), (bassinets), (bed rails), (incubators), (physical therapy equipment), (shower stalls), (toilet exteriors and toilet seats), (telephones and other related hard surfaces in hospitals), (operating and surgical rooms), (stretchers), (examination tables), (intensive and critical care units), (emergency units), (dental and veterinary offices), (surgery), (recovery), (anesthesia), (X-Ray), (Cat. Lab), (blood collection and donation centers), (isolation units), (orthopedics), (newborn nursery), (respiratory therapy), (radiology), (pediatrics), (physical therapy), (rehabilitation), (ophthalmology), (optometry), (hospices), (central supply), (emergency medical vehicles), (police and fire vehicles), (correctional facilities), (funeral homes), (morgues), (spas),

(health clubs), (salons), (schools and school medical facilities), (school buses), and (day care).

• General Surface Uses: Steriplex HC<sup>™</sup> mixed solution is effective on these types of surfaces as well: (Formica), (Glazed Ceramic), (Glazed enameled surfaces), (Glazed Porcelain), (Metal), (Plastic), (Sealed Granite), (Sealed Limestone), (Sealed Marble), (Sealed Slate), (Sealed Stone), (Sealed Terra Cotta), (Sealed Terrazzo), (Stainless Steel), (Upholstery), (Vinyl) and (finished Woodwork).

# **DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

#### **Use Statement**

Steriplex HC<sup>TM</sup> Part A is formulated as Part A one component of a two-part system and therefore must not be used alone as a disinfectant or as a sterilant. Activate Steriplex HC<sup>TM</sup> prior to use by, combining Steriplex HC<sup>TM</sup> Solution Part A, with the Steriplex HC<sup>TM</sup> Activator Solution Part B (enclosed) [included] [, into a one-gallon container] [, into a 5-gallon container] as instructed below. [See attached insert for complete directions for use.]

Preparation for Steriplex HC<sup>TM</sup>, two-part disinfectant or sterilant system:

Part A (Steriplex HC<sup>TM</sup> Solution Part A): Main ingredient of one (1) gallon container, and

Part B (Steriplex HC<sup>TM</sup> Activator Solution Part B): Small 4 oz inside of gallon container.

- 1. Using appropriate personal protective equipment (PPE), obtain the Steriplex HC<sup>TM</sup>
  Activator Solution Part B with protective seal under the large child protective cap.
  Remove the smaller cap on the main container, as well, to expose the opening with threaded insert.
- Screw the Steriplex HC<sup>™</sup> Activator Solution Part B container fully into the threaded insert, breaking the seal and emptying the contents into the container. WITH ACTIVATOR BOTTLE STILL ATTACHED, shake the container to release entire contents.
- 3. Safely remove and discard the spent Steriplex HC<sup>TM</sup> Activator Solution Part B container in an approved waste disposal receptacle as directed (see below). Replace both caps back onto the main container.
- 4. Thoroughly mix the combined solution for approximately 15 seconds.

OR

 $\label{thm:container:solution:container:solution:solution:container:solution:solution:solution: Solution: Solution$ 

Preparation for Steriplex HC™, two-part disinfectant or sterilant system:

Part A (Steriplex HC™ Solution Part A): Main ingredient of five (5) gallon container, and

Part B (Steriplex HCTM Activator Solution Part B): 12 oz container.

- 1. Using appropriate personal protective equipment (PPE), remove the cap on the Steriplex HC<sup>TM</sup> Solution Part A container to expose the opening.
- 2. Obtain the Steriplex HC<sup>TM</sup> Activator Solution Part B and remove the child protective cap. CAREFULLY pour the Steriplex HC<sup>TM</sup> Activator Solution Part B into the main container and shake small bottle to release entire contents.
- 3. Replace cap and safely discard the spent Steriplex HC<sup>TM</sup> Activator Solution Part B container in an approved waste disposal receptacle as directed (see below). Replace the cap on the main container.

4. Thoroughly mix the combined solution for approximately 15 seconds.

Application Methods – For use on Hard, Non-Porous, Non-Food Contact Surfaces Steriplex HC<sup>TM</sup> mixed solution can be applied to surfaces by conventional (spray) (mopping) (cloth) or (sponge) method.

To Fill or (refill) empty spray bottle:

- 1. Remove trigger sprayer (or cap) from empty bottle.
- 2. Unscrew cap (or open spigot) and pour contents into empty bottle.
- 3. Replace trigger sprayer (or cap) and use as instructed

Refill sprayer only with Steriplex HC<sup>TM</sup> mixture [mixed solution].

Once Part A and Part B are mixed, the mixed solution can only be used as a sporicide for 10 days and as a disinfectant for 40 days. Dispose of any solution that has exceeded these timeframes after activation. [Mark the date that the solution was mixed on the container with a permanent marker in the space provided.]

Cleaning and Deodorization Directions – Pre-clean surfaces prior to application of the activated product.

- 1. Apply a generous amount of the mixed solution using a cloth, mop or spray device so as to thoroughly wet the surface to be cleaned.
- 2. Allow surfaces to remain wet for 30 seconds.
- For clean up, rinse the surface(s) with clean cloth or sponge several times with potable water.
- 4. Prepare a fresh solution when it becomes visibly dirty or diluted.

#### **Disinfecting Directions**

As a Disinfectant – Pre-clean surfaces prior to application of the activated product.

- Thoroughly apply the solution to the target surface(s) using a prescribed method, covering the surface(s), until wet, of product at room temperature.
- 2. The product must remain wet on the surface(s) for 5 minutes.
- 3. For clean up, rinse the surface(s) with a clean cloth or sponge several times with potable water.

As a Tuberculocide – Pre-clean surfaces prior to application of the activated product.

- 1. Thoroughly apply the solution to the target surface(s) using a prescribed method, covering the surface(s), until wet, of product at room temperature.
- 2. The product must remain wet on the surface(s) for 15 minutes.
- For clean up, rinse the surface(s) with a clean cloth or sponge several times with potable water.

# Application Methods – For use with non-electrical or non-critical/semi-critical Medical Devices

As a Sporicide (Sterilant) – Pre-clean equipment surfaces prior to immersing equipment. Dismantle devices prior to pre-cleaning, if necessary.

- 1. Pour desired amount of solution into a tray or receptacle that will hold the targeted items and allow for complete immersion in solution.
- 2. Immerse equipment or targeted items for a minimum of 180 minutes.
- Transfer equipment or targeted items to a rinse bath to remove the solution. Dipping them a couple of times into the rinse bath will thoroughly remove any solution.
- 4. Place on a clean surface to allow items to air dry prior to reuse.

As a Disinfectant – Pre-clean equipment surfaces prior to immersing equipment. Dismantle devices prior to pre-cleaning, if necessary.

- 1. Pour desired amount of solution into a tray or receptacle that will hold the targeted items and allow for complete immersion in solution.
- 2. Immerse equipment or targeted items for a minimum of 5 minutes.
- Transfer equipment or targeted items to a rinse bath to remove the solution.
  Dipping them a couple of times into the rinse bath will thoroughly remove any solution.
- 4. Place on a clean surface to allow items to air dry prior to reuse.

As a Tuberculocide – Pre-clean equipment surfaces prior to immersing equipment. Dismantle devices prior to pre-cleaning, if necessary.

- 1. Pour desired amount of solution into a tray or receptacle that will hold the targeted items and allow for complete immersion in solution.
- 2. Immerse equipment or targeted items for a minimum of 15 minutes.
- Transfer equipment or targeted items to a rinse bath to remove the solution.
   Dipping them a couple of times into the rinse bath will thoroughly remove any solution.
- 4. Place on a clean surface to allow items to air dry prior to reuse.

NOTE: The following language will be printed on the label of products intended to be sold to health facilities:

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the human body, either into or in contact with the bloodstream, or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not normally penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** - Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Harmful if absorbed through skin. Remove and wash contaminated clothing before reuse.

# PHYSICAL OR CHEMICAL EFFECTS

Minimal corrosion effects may occur with natural rubber and soft iron products. Stainless steels, plastics and polymers exhibit no corrosive effects. Never bring mixture in contact with other sanitizers, cleaners or organic substances. This product is not flammable or explosive.

# **ENVIRONMENTAL EFFECTS**

This product is toxic to fish and aquatic organisms. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FIRST AID FOR MIXED					
STERIPLEX HCTM MIXTURE					
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, and then continue rinsing. Call a poison control center or physician for treatment advice.				
IF ON SKIN OR CLOTHING	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or physician for treatment advice.				
Have the product container with you when calling a poison control center or going for treatment.					
FOR EMERGENCY MEDICAL INFORMATION CALL TOLL FREE: 1-800-222-1222					

# STORAGE AND DISPOSAL

#### Storage

Do not store near reducing agents, fuels or other non-compatible material. Store in a dark, cool, dry, well-ventilated area. For quality purposes, avoid storing in temperatures above 86°F. Do not store in direct sunlight. Do not double stack pallets. Use first in, first out storage system.

# Container Disposal and Pesticide Residue Removal

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap and shake for 10 seconds, then uncap and discard rinsate. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times, and then discard container and caps.

# [Mix Date:]

Lot Number:

Not for sale or use after:

sBioMed

1272 South 1380 West Orem, Utah 84058 TEL: 801-922-1111 FAX: 801-922-1100