100 STARE	U.S. ENVIRONMEN	TAL PROTECTION	EPA Reg.	Date of Issuance:
	AGEI Office of Pestic		Number: 84545-9	APR _ 2 2008
AN ALAROTECTON	Antimicrobials D	vivision (7510C)	04040-9	
	1200 Pennsylva Washingtor	nia Avenue NW n, D.C. 20460	Term of Issuance:	
			Name of Pesticide	Product: Steriplex
	<u>x</u> Registratio			or Solution Part A
under FIFRA, as ar	nended) Reregistra	tion		
Name and Address	of Registrant (include ZIP Code):			
	Med LLC			
	: So. 1380 West n, Utah 84058			
		that/accepted in connection with the	nis registration must b	e submitted to and
accepted by the Real above EPA registrat		e label in commerce. In any corre	espondence on this pr	oduct always refer to the
nsecticide, Fungicio Registration is in no	le and Rodenticide Act. way to be construed as an endor	t, the above named pesticide is he sement or recommendation of this motion, may at any time suspend	product by the Agenc	y. In order to protect
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EPA Reg. No. 84545-9

3. The confidential Statement of Formula dated August 24, 2009, is acceptable.

4. The following additional Terms and Conditions of Registration apply:

2

a. Sale and Distribution Limitations

The registrant commits not to sell or distribute the product except to:

- Federal On-Scene Coordinators (FOSC), and contractors and other trained Federal/state/local response personnel under the FOSC's supervision;
- Trained U.S. Military personnel and contractors under their supervision;
- Person who, within the preceding 24 months, have been trained and determined to be competent by the registrant (or its contractor) in each of the topics described under item 2 below.

The registrant commits to verify, prior to sale or distribution, that the recipient falls within one of the above user categories. For the first two user categories listed above (i.e., FOSCs, U.S. Military personnel, their contractors, and other persons under their supervision),, such verification may be accomplished through a critical review of documents, such as a letter on government letterhead, a government purchase order, or a government-issued identification badge.

b. Training and determination of Competency of Applicators

Where a registrant proposes to sell or distribute authrax-related products to persons other than FOSCs, trained U.S. Military personnel, and contractors and other response personnel under the supervision of FOSC's or trained U.S. Military personnel, the registrant commits to providing training for such persons and to determining their competency through written examination. The registrant may itself perform the training and competency determination, or enter into a contract with a qualified third party to conduct the training and competency determination on the registrant's behalf. The registrant further commits that the training curriculum will provide for refresher training and competency determination at least every two years and, at a minimum, include instruction concerning:

- Characteristics of and human health hazards posed by B, anthracis spores;
- Personal Protective Equipment (PPE) appropriate for protection against B, *anthracis* spores and while using the pesticide product;
- Detailed instructions for safe and effective use of the registered pesticide product and any associated equipment;
- Detailed review of the steps involved in the remediation and restoration process as provided in guidance from federal agencies (e.g., National Response Team Technical Assistance for Anthrax Response, Interim Final Draft, July 2005) as well as review of

applicable federal statutory and regulatory requirements and guidance; and

• As assessment of the trained applicator's competency on the above issues through a written examination.

3180

c. Records and Reporting

The registrant commits to the following, commencing upon the effective date of registration or, if the anthrax-related claim is added to an existing registration by amendment, upon the effective date of that amendment;

- Maintain accurate, up-to-date records of tis required activities under these terms and conditions, including:
 - --Names of trainers, a listing of their qualifications, and copies of all training materials used.
 - --Names and addresses of persons who have been trained and the dates and locations of such training.
 - --Names and addresses of persons to whom the pesticide has been sold or distributed as well as the date and location of such sale or distribution and the product and quantity sold or distributed.
- Agree to maintain such records for two years, and to provide copies upon request of any authorized employee of the EPA, or of any state or political subdivision, duly designated by the Administrator.
- Agree that records and reports made or maintained in connection with these Terms and Conditions will not be claimed as confidential business information or trade secrets.
 - d. Consequence of Non-Compliance with the Terms and Conditions of Registration

The registrant agrees that failure to comply with any terms and conditions of registration specified above, may, at the sole discretion of EPA, result in the issuance of an order canceling the affected registration(s) without a hearing. Before issuing any such order, the Agency will notify the registrant in writing its intention to cancel the registration(s) and specify in such notification the basis for its conclusion that the registrant has failed to comply with the terms and conditions of registration. EPA will allow the registrant ten business days from the receipt of such notification to submit in writing a request of such notification to submit in writing a request to meet with the Director of the Office of Pesticide Programs (Office Director") before a cancellation order is issued. The Agency will not issue a cancellation order before providing the registrant an opportunity to meet with the Office Director to discuss whether cancellation is appropriate. The registrant agrees that the decision of the Office Director will be final.

5. Submit three (3) copies of the final printed label prior to releasing this

A stamped copy of the label is enclosed for your records.

If these conditions are not complied with, the registration will be subject to cancellations in accordance with FIFRA sec. 6(e) or as may be deemed appropriate by the Agency, as provided for in Condition 1 and/or Condition 4d.

Your release for shipment of the product constitutes acceptance of these conditions.

Sincerely yours,

Dennis HEdwareffert for

180

Marshall Swindell Product Manager 33 Regulatory Branch I Antimicrobials Division (7510P)

For use only by:

- Federal On-Scene Coordinators and contractors and other trained federal/state/local response personnel under the FOSC's supervision;
- Trained U.S. Military personnel and contractors under their supervision;
- Persons who, within the preceding 24 months, have been trained and determined to be competent by the registrant (or its contractor) following completion of the required training.

Under the terms and conditions of this product's registration, this product may only be sold or distributed by the registrant directly to the persons identified above.

STERIPLEX UltraTM (Part A)

SPORICIDAL DECONTAMINANT for INACTIVATION of Bacillus anthracis SPORES on DRY, PRECLEANED, HARD, NON-POROUS **SURFACES**

STERIPLEX Ultra[™] is a sporicidal decontaminant that inactivates *Bacillus anthracis* spores on dry, precleaned, hard, nonporous surfaces at certain sites when used in accordance with all precautions and directions specified on this label and in the attached Training Manual.

STERIPLEX Ultra[™] (Part A) is to be used only in the mixture with STERIPLEX Ultra™ Activator Part B as a sporicidal decontaminant

ACTIVE INGREDIENTS:

Silver	00.03 %
Other Ingredients	
Total	

KEEP OUT OF REACH OF CHILDREN CAUTION **SEE (SIDE) (BACK) PANEL FOR ADDITIONAL**

PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

EPA Reg. No. 84545-\$9 Net Contents:

l quart

ACCEPTED with COMMENTS **EPA** Letter Dated:

APR - 2 2010

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended. for the pesticide, registered under EPA Rog. No. 84545-9 STERIPLEX Ultra[™] (Part A) **sBio**Med^{**}

1 gallon

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

EPA Est. No. 84545-UT-001 55 gallons 5 gallons

> Marc h 24, 2010 Page 1

FIRST AID FOR				
STERIPLEX Ultra TM (Part A)				
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.			
IF SWALLOWED	Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.			
treatment.	iner or label with you when calling a poison control center or going for MEDICAL INFORMATION CALL TOLL FREE: 1-800-222-1222			

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE) WHEN MIXING THIS PRODUCT:

Eves and Face: Use cup type chemical goggles and a full-face shield when mixing and applying this product to the intended surfaces.

Protective Clothing: Use rubber or neoprene footwear and a rubber or neoprene apron or fullbody protective clothing. Completely submerge into water any clothing or other materials contaminated with hydrogen peroxide from contact with the concentrated or mixed products, and then allow clothing to dry. Residual hydrogen peroxide, if allowed to dry on fabrics, cotton, leather, wood, paper or other combustibles, can cause the material to ignite and result in a fire.

Gloves: Rubber or neoprene gloves are required when mixing and applying product. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

Respiratory: Wear an approved full-face acid/gas califore por period for the second se concentrations are unknown (e.g., significant spill With Gerencies), or if they are anticipated to be above 5 ppm for hydrogen peroxide of 50 ppm for acetic acid, use a selfcontained breathing apparatus (SCBA).

APR - 2 2010

STERIPLEX Ultra[™] (Part A)

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide. registered under EPA Reg. No. 84545-

Marc h 24, 2010 Page 2 The respirator user must be fit tested and fit checked using a program that conforms to OSHA's requirements (29 CFR 1910.134)

The respirator user must be trained using a program that conforms to OSHA's requirements (29 CFR 1910.134)

The respirator user must be examined by a qualified medical practitioner to ensure the physical ability of the user to safely wear the type of respirator to be worn.

The respirator equipment must be maintained according to a program that conforms to OSHA's requirements (29 CFR 1910.134).

PPE REQUIRED FOR PROTECTION FROM BACILLUS ANTHRACIS SPORES:

When applying the product to areas contaminated with *Bacillus anthracis* spores, wear the personal protective equipment (PPE) described in the Training Manual.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. 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 Pollution 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 at the EPA.

DIRECTIONS FOR USE

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

STERIPLEX Ultra[™] is a two part sporicidal decontaminant that inactivates *Bacillus anthracis* spores on dry, precleaned, hard, nonporous surfaces, and may be used on sites listed below. This product is for use only by persons listed in the enclosed box above the product name. Read and follow all safety precautions and use directions on the label and in the Training Manual.

For use as a sporicidal decontaminant in Industrial, Commercial, and Institutional settings, including the following sites: Offices, Government and Residential buildings; Educational buildings, Public and Private buildings; Commercial, Government Brivate vehicles; Personal Protective Equipment; Hospitals/Healthcare facilities; Millagons and equipment; Manufacturing facilities; Hotels; Cruise ships; Airports. EPA Letter Dated.

Do not use this product on food contact surfaces.

STERIPLEX Ultra[™] (Part A)

Under the Federal Insecticide, Fungicide, and Rodenucide Act as amended, for the pesicide. registered under EPA Reg. No. 84545-9**PREPARATION** – STERIPLEX Ultra[™] is a two-part sporicidal decontaminant system consisting of:

STERIPLEX Ultra[™] (Part A) (EPA Reg. No. 84545-): a one gallon container of 0.03% silver, and

STERIPLEX Ultra[™] Activator (Part B) (EPA Reg No. 84545-): a smaller bottle containing 15.0% peracetic acid and 22.0% hydrogen peroxide

- 1. Wearing specified personal protective equipment (PPE) as described under the PRECAUTIONARY STATEMENTS on this label, find the STERIPLEX Ultra[™] Activator (Part B) bottle. Remove the cap from the bottle.
- 2. On the "Part A" container, remove the cap. Pour the entire contents of the STERIPLEX Ultra[™] Activator (Part B) into the opening of the "Part A" container.
- 3. Discard the spent STERIPLEX Ultra[™] Activator (Part B) container in an approved waste disposal receptacle as directed on the STERIPLEX Ultra[™] Activator (Part B) label. Replace cap back onto the "Part A" container.
- 4. Mix the two-part solution by agitating the contents for approximately 15 seconds.
- 5. Pour the mixed solution into applicator equipment for usage.
- 6. Mix fresh batch daily. Dispose of unused solution within 24 hours after mixing.

Application Methods - For use on Hard, Non-Porous, Non-Food Contact Surfaces STERIPLEX UltraTM can be applied to surfaces by conventional (spray) (mopping Cept) and

with COMMENTS (sponge) method. EPA Letter Dated:

To Fill or (refill) empty spray bottle:

- Remove trigger sprayer (or cap) from empty bottle.
 Under the Federal Insecticide, amended, for the Desticide Act as

Refill spraver only with STERIPLEX UltraTM mixture.

IMPORTANT: Once activated, the mixed STERIPLEX UltraTM solution can only be used as a sporicide for 10 days. Dispose of any solution that has exceeded this timeframe after activation. Mark the date the solution was mixed on the container with a permanent marker in the space provided.

For Use on Dry, Precleaned, Hard Non-Porous Surfaces

For heavily soiled areas, a precleaning step is required. Wash soiled surfaces with a compatible detergent using a cloth, sponge or cleaning device to ensure visible soils are removed. Rinse with potable water and allow to dry. Spray or wipe on the mixed STERIPLEX UltraTM solution by the following means: mop, cloth, sponge, spray bottle or commercial sprayer.

1. Thoroughly apply the solution to the surface using a prescribed method covering the surface with a thin film of product at room temperature.

STERIPLEX Ultra[™] (Part A)

amended, for the pesticide, registered under EPA Reg. No. 84546-9

APR - 2 2010

2. Allow the product to remain on the surface for a minimum of 30 minutes.

- 3. Rinse the surfaces with a clean cloth or sponge several times with running water.
- 4. Larger areas may be treated by applying the product with a spray bottle or commercial sprayer. Allow the product to remain on the contact surface for a minimum of 30 minutes, and then rinse surfaces as prescribed above.

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5. Dispose of cleaning utensils as directed in the instructions.

DECONTAMINATION OF EQUIPMENT – For heavily soiled areas, a precleaning step is required. To the extent possible, dismantle equipment and tools. Wash soiled surfaces with a compatible detergent using a cloth, sponge or cleaning device to ensure visible soils are removed. Rinse with potable water and allow to dry. All surfaces to be treated must be dry (i.e, not visibly wet) prior to application. Apply the STERIPLEX UltraTM mixed solution in the following manner:

- 1. Pour desired amount of solution into a tray or receptacle that will hold the tools and allow for complete immersion in solution.
- 2. Immerse equipment or tools for a minimum of 30 minutes.
- 3. Transfer equipment or tools to a rinse bath to remove the solution. Dipping the equipment or tools a couple of times into the rinse bath will thoroughly remove any solution.
- 4. Allow equipment or tools to air dry prior to reuse.

See Training Manual for additional, detailed instruction on product applications.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water.

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:

ACCEPTED

with COMMENTS

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

APR - 2 2010

Under the Federal Insecticide, Fungicide, and Rodentician oct as amended for the passe registered under LPA Neg. No. 84545.9

STERIPLEX Ultra[™] (Part A)

[Container sizes of 1 gal. -5 gal.] – 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 ¹/₄ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[Containers with capacities greater than 5 gallons or 50 lbs.] – Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¹/₄ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED with COMMENTS * EPA Letter Dated:

APR - 2 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8 4545-9 10/g0

TRAINING MANUAL

USE OF STERIPLEX UltraTM (Part A) and (Part B) FOR THE DECONTAMINATION AND INACTIVATION OF ANTHRAX SPORES

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(EPA Reg. Nos. 84545-8 and 84545-9)

STUDENT MANUAL

JUNE 2009

(Revised 2-25-2010)

sBioiMED

1272 So. 1380 West Orem, Utah 84058 Program Administrator: Contact Stanley Trout 801-847-3301 stan.trout@sbiomed.com

ACCEPTED with COMMENTS EPA Letter Dated:

APR - 2 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 94545-9

PAGE I OF 70 DURATION: ONE CLASSROOM PERIOD

DECONTAMINATION AND INAC

12/80

PURPOSE

This course provides information on the virulent *Bacillus anthracis* (Anthrax), the National Response Framework for future incidents, and the decontamination process to inactivate anthrax spores.

Course Objective

- The course objective is to enable participants to demonstrate basic knowledge to:
 - The characteristics of Anthrax and related health issues
 - The National Response Framework for future incidents
 - The incident response/decontamination process to inactivate Anthrax and other biological agents listed on the label

Training Content

The training is comprised of the following units:

- I. Unit I: Course Overview
- 2. Unit 2: Anthrax Overview
- 3. Unit 3: NRF Overview
- 4. Unit 4: Incident Response/Decontamination Process Overview
- 5. Unit 5: sBiomed's STERIPLEX Ultra[™]

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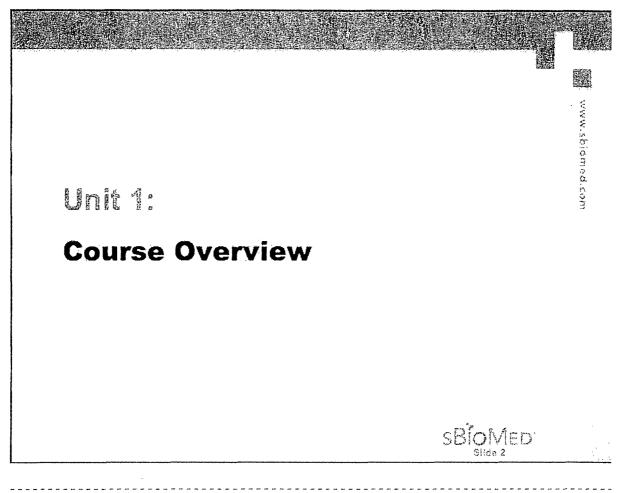
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Unit I: Course Overview

DECONTAMINATION AND INACTIVATION OF ANTHRAX

PAGE 3 OF 70 STUDENT MANUAL

Topic Unit Introduction



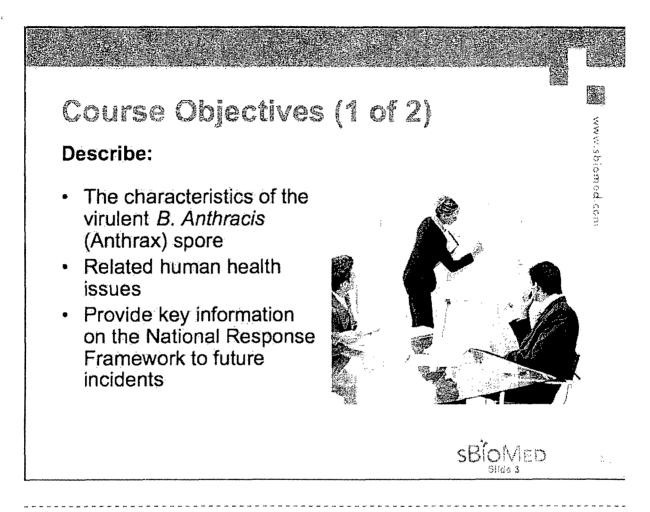
Key Points

This course will introduce you to the :

- * Characteristics of Anthrax and related health issues,
- * The National Response Framework,
- * The Incident Response Decontamination process to inactivate Anthrax,
- * and, sBioMed's Product overview.

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Topic Course Objectives



Key Points

The objective of this course is for you to demonstrate basic knowledge of Anthrax and it's related issues, understand the role of government agencies and the National Response Framework established to respond to future incidents and have a basic understanding of the decontamination process and how STERIPLEX Ultra[™] inactivates Anthrax and other biological agents listed on the label.

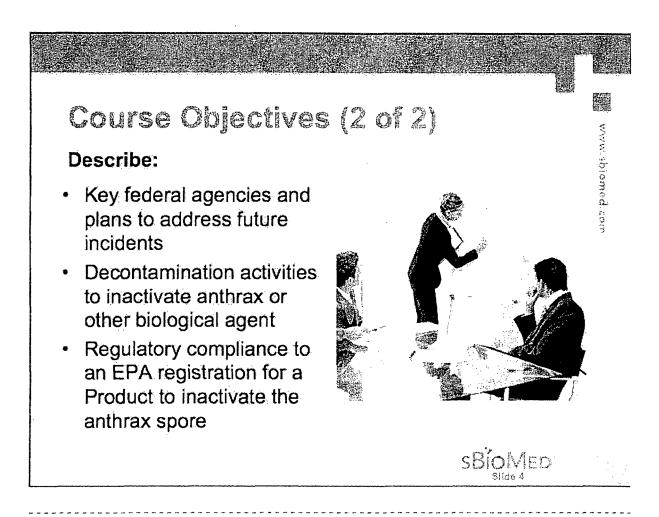
By the end of this course, you should be able to describe:

- * The characteristics of Anthrax.
- * The health and safety issues relating to Anthrax
- * The nations response to future incidents

See the next page for the rest of the course objectives

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Topic Course Objectives



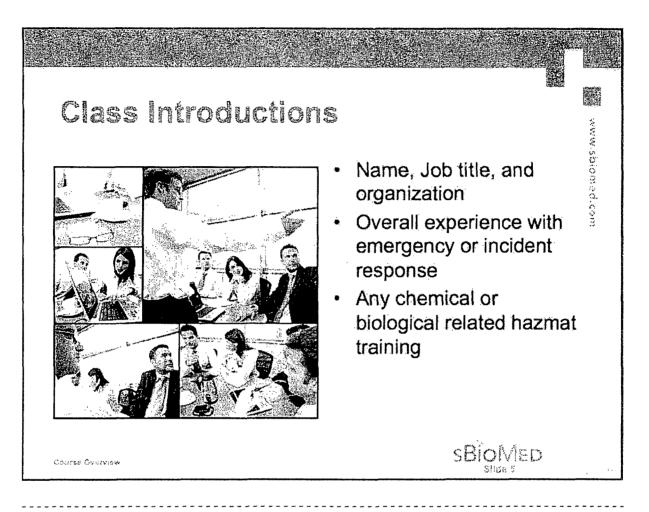
Key Points

Continuation of course objectives:

- * Key federal agencies and plans developed to manage future incidents
- * Incident Response activities in the event of a biological release
- * Decontamination activities to inactivate Anthrax or other biological agents listed on the label

Topic Participant Introductions

DECONTAMINAT



Key Points

Introduce yourself by providing:

- * Your name, job title and organization
- * Overall experience with emergency or incident response
- * Any previous chemical or biological hazmat training

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DECONTAMINATION AND INACTIVATION OF ANTHRAX

Topic Course Logistics

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Course Logistics	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ww
 Course Agenda Sign-in sheet Housekeeping Breaks Message and telephone location Cell phone policy Facilities Other concerns 		www.sbiomed.com
Course Oxerview		

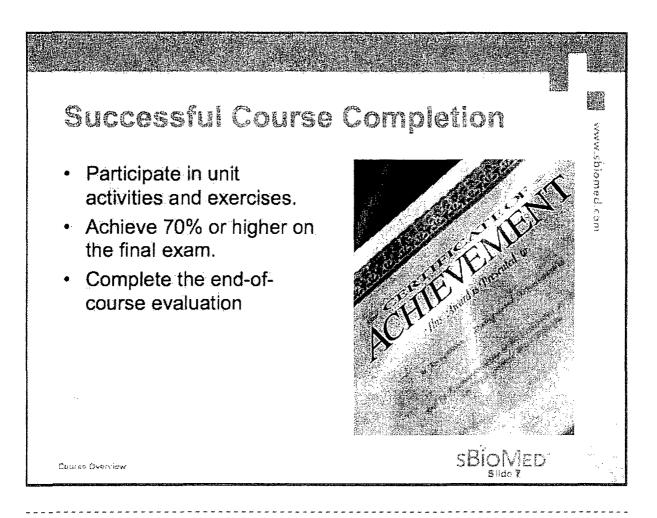
Key Points

Be mindful of the following course logistics in order to benefit fully from course instruction:

- * Course Agenda
- * Sign-in sheet
- * Housekeeping
 - * Breaks
 - * Message and telephone location
 - * Cell phone policy
 - * Facilities
 - * other concerns



Topic Successful Course Completion



STUDENT MANUAL

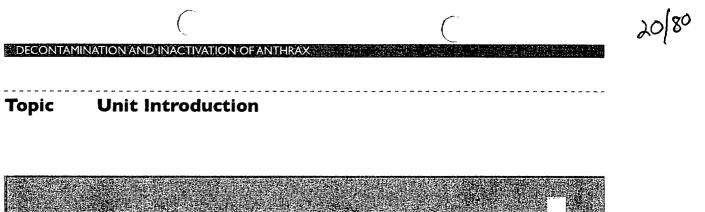
Key Points

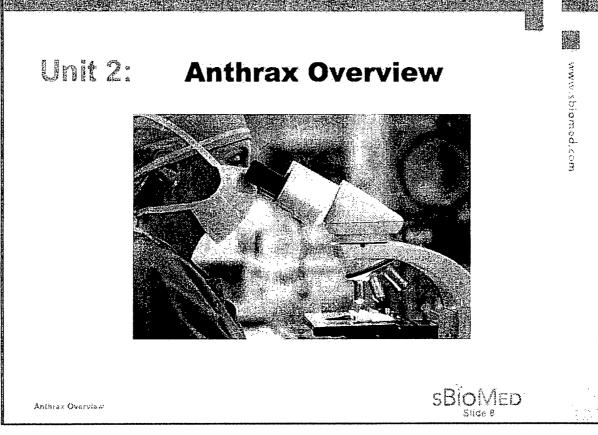
PAGE 9 OF 70

Successful course completion requires you to:

- * Participate in Unit activities
- * Achieve 70% or higher on final exam
- * Complete the end-of-course evaluation

Next Unit will provide the overview of Anthrax

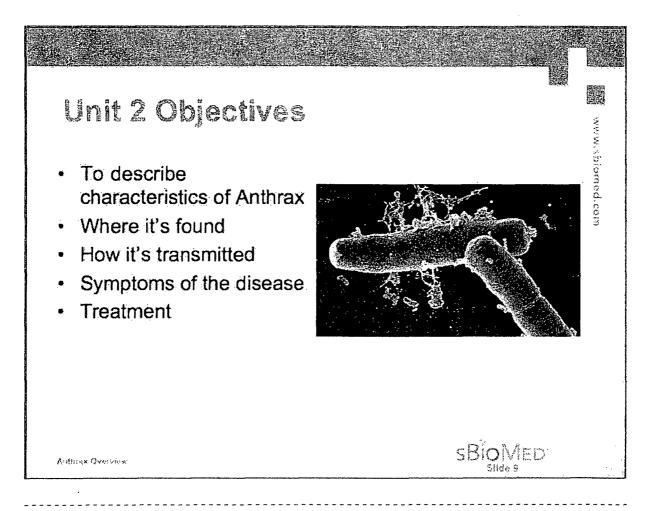




Key Points

Unit 2 provides a general understanding of the Anthrax disease.

Topic Unit Objectives



21/80

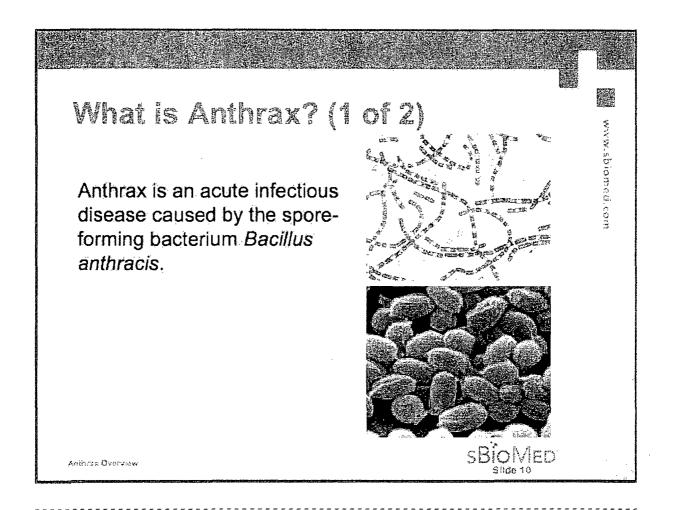
Key Points

By the end of this unit, you should be able to describe:

- * The characteristics of Anthrax,
- * Where it is found,
- * How it is transmitted,
- * The symptoms of the disease,
- * and Treatments once it has been contracted.

22/.80

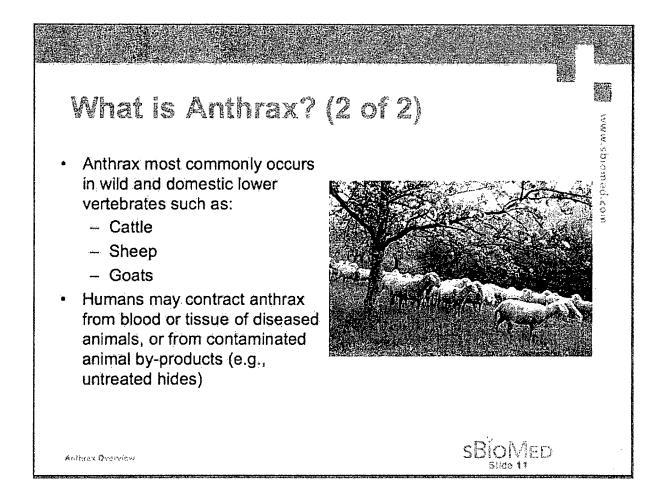
Topic Characteristics of Anthrax



Key Points

Anthrax is an acute infectious disease caused by the spore-forming bacterium *Bacillus anthracis*. Like many other members of the genus Bacillus, *Bacillus anthracis* can form dormant spores that are able to survive in harsh conditions for extremely long periods of time—even decades or centuries.[1] Such spores can be found on all continents, even Antarctica. When spores are inhaled, ingested, or come into contact with a skin lesion on a host they may reactivate and multiply rapidly.

22/80



Key Points

PAGE 13 OF 70

Anthrax commonly infects wild and domesticated herbivorous mammals which ingest or inhale the spores while browsing—in fact, ingestion is thought to be the most common route by which herbivores contract anthrax. Carnivores living in the same environment may become infected by consuming infected animals. Diseased animals can spread anthrax to humans, either by direct contact (e.g. inoculation of infected blood to broken skin) or consumption of diseased animals' flesh.

24/80

Topic Transmitting Anthrax

How is it transmitted?	ww
 Anthrax infection can occur in three forms: cutaneous (skin), inhalation, and gastrointestinal. Anthrax spores can survive in the soil for many years, and humans can become infected with anthrax by handling products from infected animals or by inhaling anthrax spores from contaminated animal products. Anthrax can also be contracted by eating undercooked meat from infected animals. Incidence of anthrax in humans in the U.S. is rare. 	www.sbiem#d.com
Anthrax Overdew SBIONED	

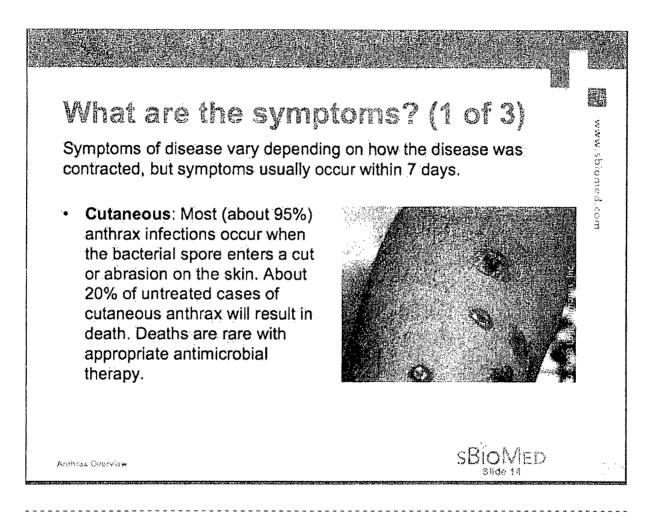
Key Points

Anthrax can enter the human body through the intestines (ingestion), lungs (inhalation), or skin (cutaneous).

Infection of humans can result from contact with infected animal products such as fur or wool or by inhaling the spores from contaminated animal products.

Anthrax can also be contracted by eating undercooked meat from infected animals.

Topic Symptoms of the Disease



Key Points

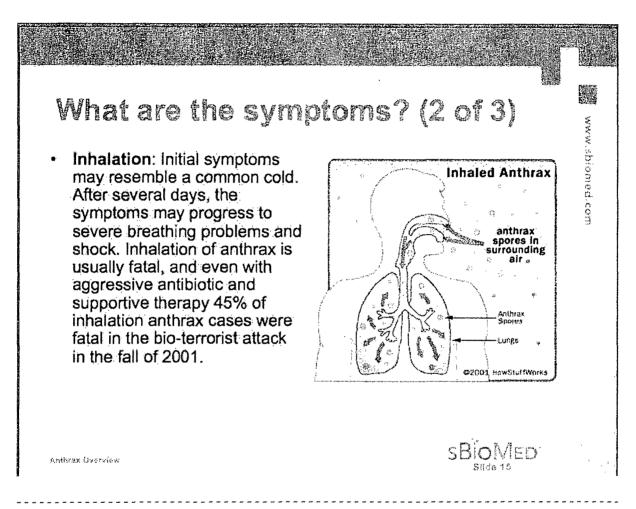
PAGE 15 OF 70

Cutaneous (on the skin) anthrax infection in humans shows up as a boil-like skin lesion that eventually forms an ulcer with a black center (eschar). The black eschar often shows up as a large, painless necrotic ulcer (beginning as an irritating and itchy skin lesion or blister that is dark and usually concentrated as a black dot, somewhat resembling bread mold) at the site of infection. Cutaneous infections generally form within the site of spore penetration between 2 and 5 days after exposure. Unlike bruises or most other lesions, cutaneous anthrax infections normally do not cause pain.

Cutaneous anthrax is rarely fatal if treated, but without treatment about 20% of cutaneous skin infection cases progress to toxemia and death.

STUDENT MANUAL

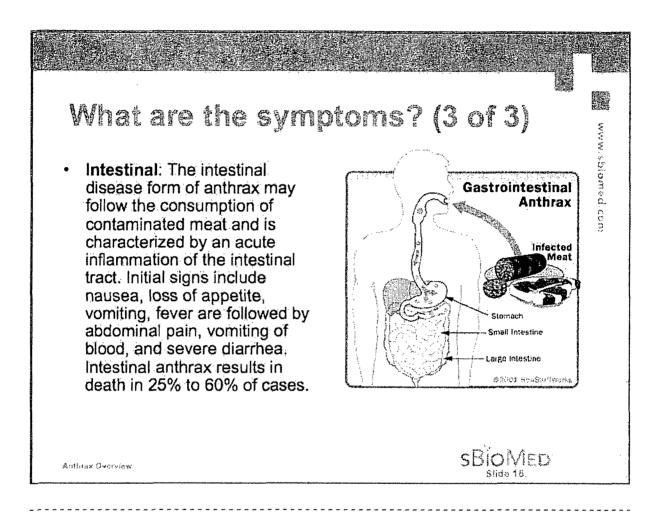
Topic Symptoms of the Disease



Key Points

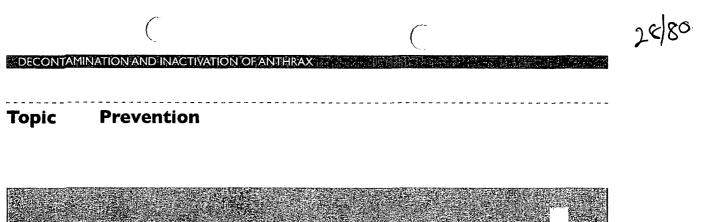
Respiratory infection in humans initially presents with cold or flu-like symptoms for several days, followed by severe (and often fatal) respiratory collapse. Historical mortality was 92%, but when treated early (seen in the 2001 anthrax attacks) observed mortality was 45%. Illness progressing to the fulminate phase has a 97% mortality regardless of treatment.

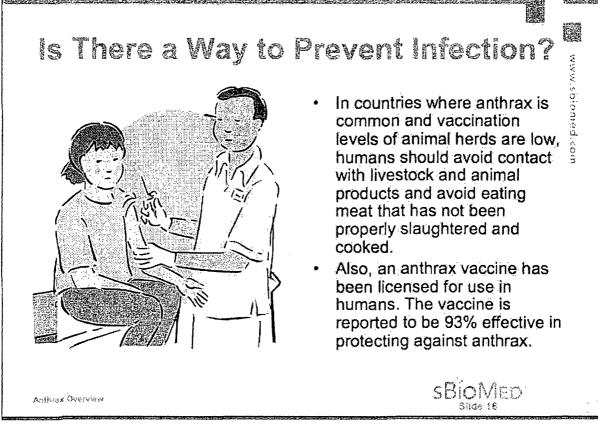
Topic Symptoms of the Disease



Key Points

Gastrointestinal infection in humans is most often caused by eating anthrax-infected meat and is characterized by serious gastrointestinal difficulty, vomiting of blood, severe diarrhea, acute inflammation of the intestinal tract, and loss of appetite. Some lesions have been found in the intestines and in the mouth and throat. After the bacteria invades the bowel system, it spreads through the bloodstream throughout the body, making even more toxins on the way. Gastrointestinal infections can be treated but usually result in fatality rates of 25% to 60%, depending upon how soon treatment commences.



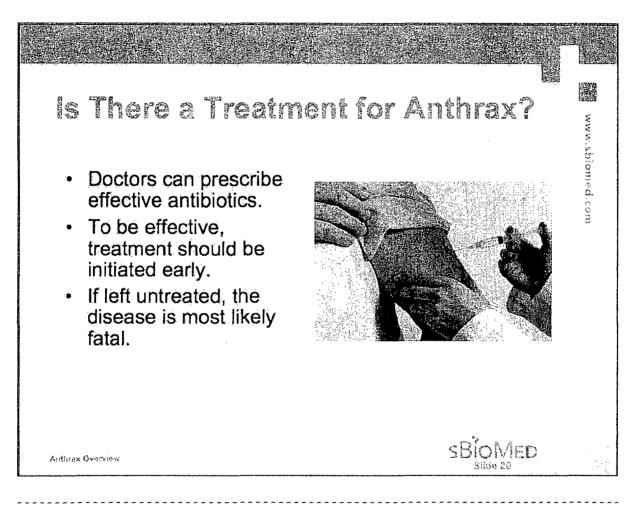


Key Points

To prevent the infection in the first place:

- * Avoid contact with livestock or animal products if you are in an area that has a high incident level of contracted disease. Avoid eating meat if it has not been slaughtered and cook properly.
- * If you in a high incident area, the anthrax vaccine is available.

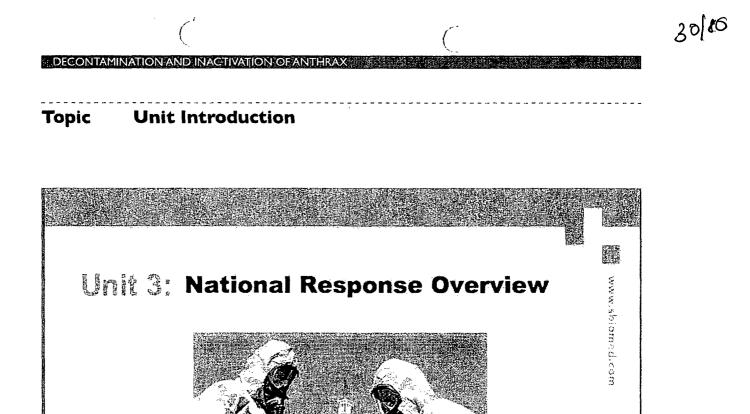
29/80 DECONTAMINATION AND INACTIVATION OF ANTHRAX Topic Treatment



Key Points

Early detection of sources of anthrax infection can allow preventive measures to be taken. Delays of only a few days may make the disease untreatable and treatment should be started even without symptoms if possible contamination or exposure is suspected.

The most effective form of prevention is vaccination against infection but this must be done well in advance of exposure to the bacterium, and does not protect indefinitely.



National Puspones Or unitiew

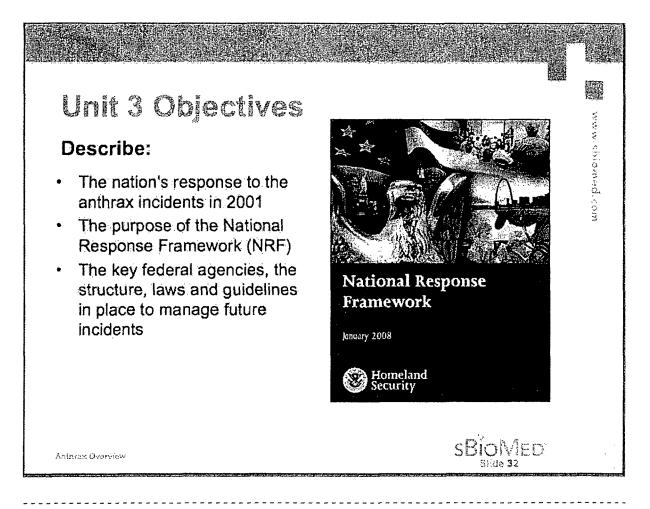
Key Points

This unit provides an overview of the National Response to future incidents involving hazardous biological agents or other acts of terrorism in the United States.

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Topic Unit Objectives



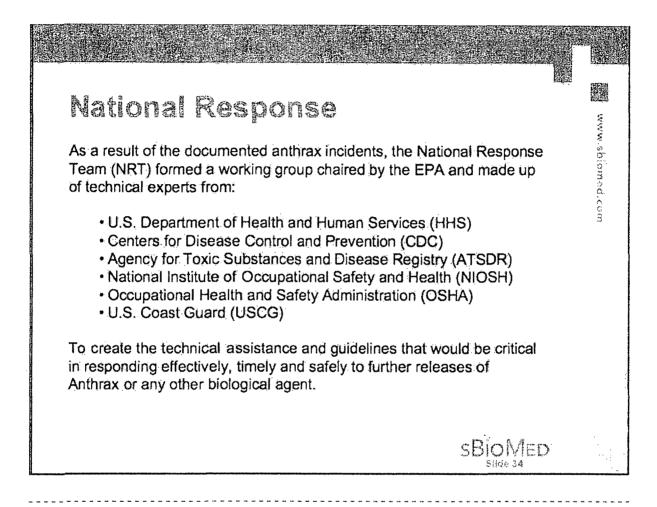
Key Points

By the end of this Unit you should be able to describe :

- * The nations response to future incidents
- * The purpose of the National Response Framework (NRF)
- * Key federal agencies, structure and laws that will manage future incidents

32/80

Topic A Nations Response



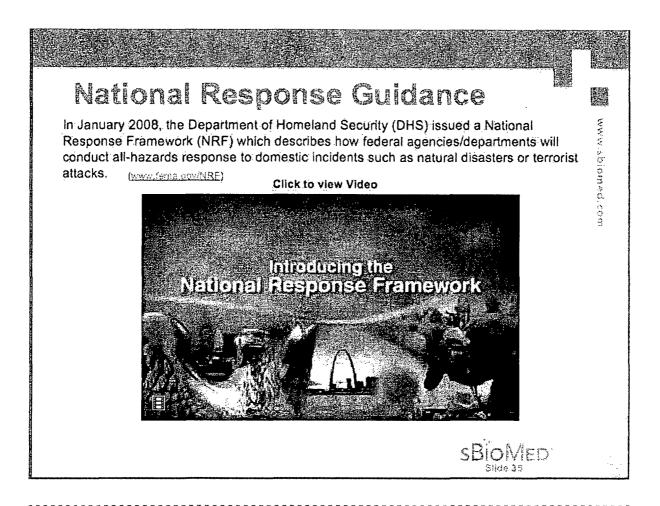
Key Points

PAGE 22 OF 70

- * The National Response Team was set up to create technical assistance and guidelines that would be effective, timely and safe in the event of a future release of Anthrax or other biological agent
- * Expert from various agencies made up the NRT including: HHS, CDC, ATSDR, NIOSH, OSHA and USCG

STUDENT MANUAL

Topic Introduction to the NRF (Video)



Key Points

This video provides an introduction to the NRF:

Video Transcript:

In recent years, our Nation has faced an unprecedented series of disasters and emergencies. As a result, our national response structures have evolved and improved to meet these threats.

The National Response Framework is the next step in this evolution, and as such defines how we respond as a Nation. Based on best practices and stakeholder input, the Framework presents the guiding principles that enable all response partners to prepare for and provide a unified national response to disasters and emergencies – from the smallest incident to the largest catastrophe.

33/8

Topic Introduction to the NRF (Video)

Video Transcript continued:

Building on the National Incident Management System, the Framework's coordinating structures align key roles and responsibilities fostering response partnerships at all levels of government, and with nongovernmental organizations and the private sector. Given its flexibility and scalability, the National Response Framework is always in effect and elements can be implemented at any level and at any time.

The Framework establishes a response vision through five key principles. Let's take a closer look at these principles, starting with engaged partnership.

Engaged partnership means that leaders at all levels develop shared response goals and align capabilities so that no one is overwhelmed in times of crisis.

The next principle is tiered response. Incidents must be managed at the lowest possible jurisdictional level and supported by additional capabilities when needed.

The third principle is scalable, flexible, and adaptable operational capabilities. As incidents change in size, scope, and complexity, the response must adapt to meet requirements.

The fourth principle is unity of effort through unified command. Unity of effort respects the chain of command of each participating organization while harnessing seamless coordination across jurisdictions in support of common objectives.

The last principle is readiness to act. It is our collective duty to provide the best response possible. From individuals, households, and communities to local, tribal, State, and Federal governments, national response depends on our readiness to act.

The National Response Framework strives to improve coordination among all response partners. And through these partnerships, we can work together to help save lives and protect America's communities.

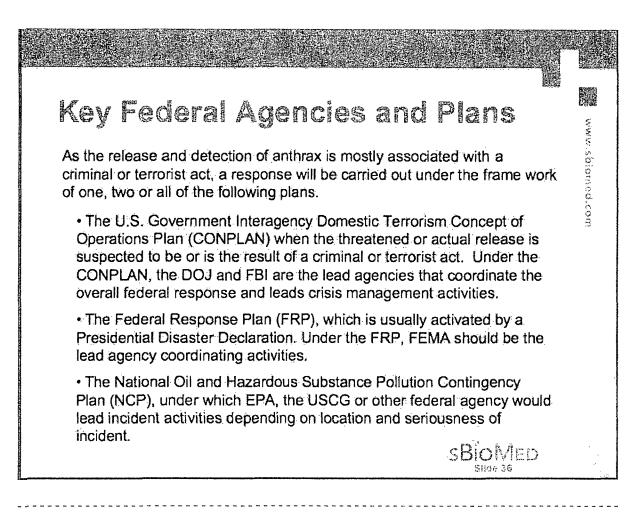
[end of transcript]

The purpose of the National Response Framework is to ensure that all response partners across the Nation understand domestic incident response roles, responsibilities, and relationships in order to respond more effectively to any type of incident.

The framework is written especially for government executives, private-sector and nongovernmental organization leaders, and emergency management practitioners.

35 80

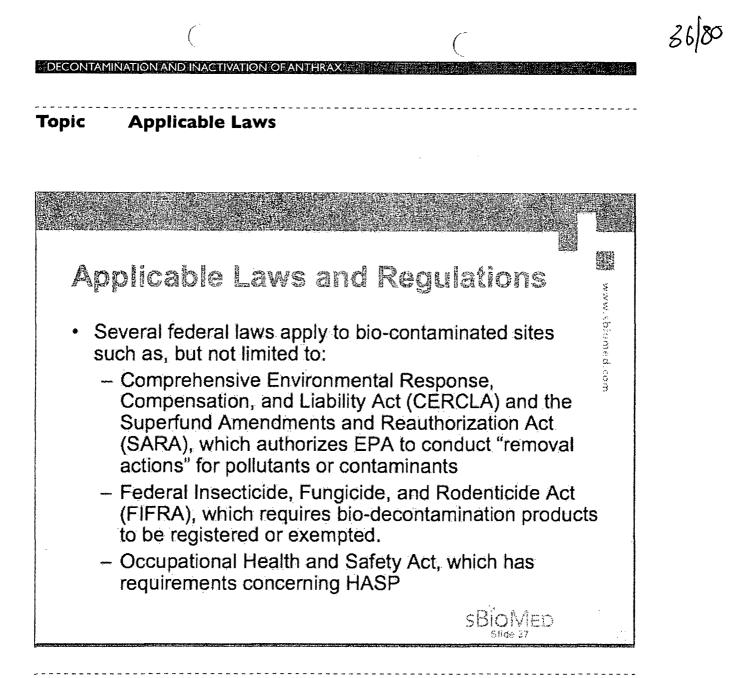
Topic Federal Agencies and Plans



Key Points

- * The CONPLAN is the primary mechanism for federal response to a suspected act of terrorism in the United States. The CONPLAN provides overall guidance on how the government would act to a threat or incident, particularly one involving WMD.
- * The FRP outlines how the federal government implements the Robert T. Stafford Disaster Relief and Emergency Assistance Act to assist state and local governments when a major disaster overwhelms their ability to respond.
- * The NCP, 40 CFR Part 300, implements the response authorities of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, or "SuperFund") and the Clean Water Act. The NCP provides policy and protocols for cleaning up releases of oil and hazardous substances, including terrorist-related releases of chemical and biological contamination.

PAGE 25 OF 70 STUDENT MANUAL



Key Points

PAGE 26 OF 70

The enactment of several laws identify guidelines on how contaminated sites are to be managed

* The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA),

STUDENT MANUAL

- * The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA),
- * and the Occupational Health and Safety Act.

37/80 DECONTAMINATION AND INACTIVATION. **Applicable State Laws** Topic Applicable State and Local Laws Ę and Regulations www.sbiomed.com State and local governments may also have laws or ۰ regulations that apply to bio-contaminated sites Decontamination product users must comply with all applicable federal, state and local requirements. **sRio**Men

Key Points

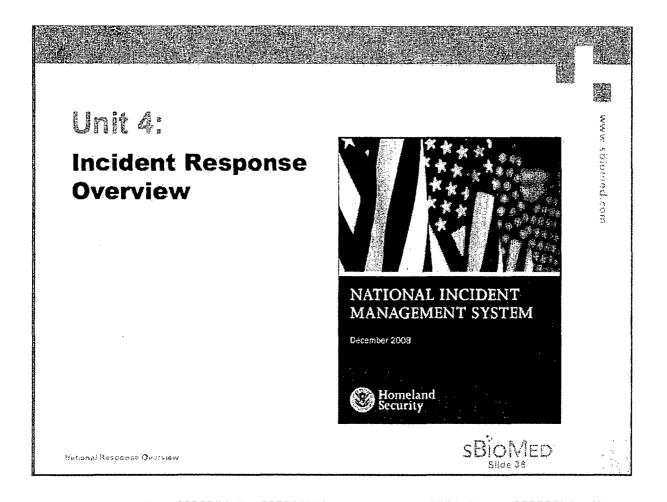
PAGE 27:OF 70

State and local regulations are required to be understood and followed in addition to federal regulations

STUDENT MANUAL

38/80

Topic Unit Introduction



Key Points

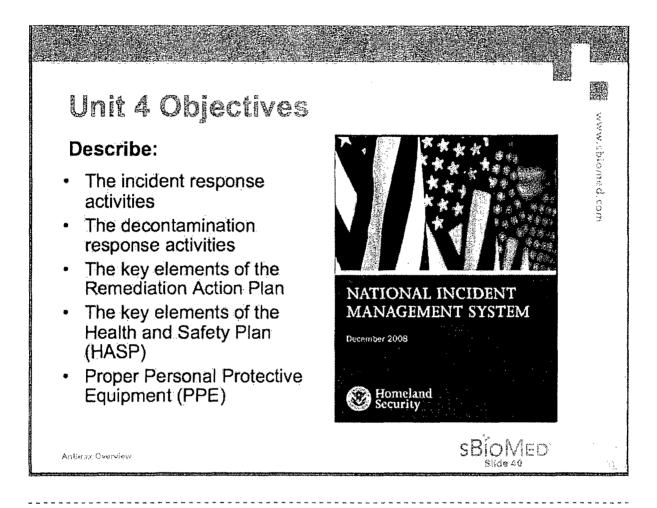
The Department of Home Land Security (DHS) has issued a National Incident Management System (NIMS) that provides a Standard Incident Command System (ICS) for use by federal, state and local agencies when responding to a domestic incident.

This unit will help you to become familiar with :

- * The incident response steps to an incident,
- * The key activities in the decontamination process
- * and the key elements of the Health and Safety Plan (HASP)

39/80

Topic Unit Objectives

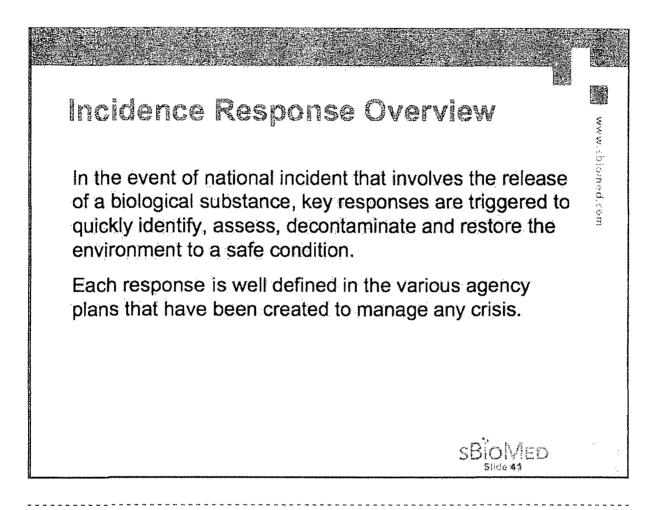


Key Points

By the end of this Unit you should be able to describe:

- * The incident response activities in the event of a release of Anthrax or other biological agent
- * The decontamination steps that have been identified to inactivate a suspected release of Anthrax or other biological agents listed on the label
- * The key elements of a Remediation Action Plan
- * The key elements of a Health and Safety Plan (HASP)
- * The proper personal protective equipment (PPE) that is required in a contaminated environment

Topic Introduction to incidence response



Key Points

* A future incident involving the release of a biological substance will trigger key responses that have been created to quickly identify, assess, decontaminate and restore the environment to its original state

go

Topic Incident Response Activities

Inclos Crisis Man		Response and	Activitie Recovery Consequence Manag		
Notification	First Response		Consequence manage	gemein	Restoration
		Characterization	Decontamination	Clearance	Reaccupanc
Receivo information on biological molden: Identification of ruspect release sitos Notification of appropriate apportes	Initial itereat assessment HAZMAT and entergency actions Forensic investigation Public health accous Screening sampling Determination of agent type, concentration, and viability Risk communication	Characterization of biological agent Characterization of affected site Site containment Continue risk communication Characterization environmental sampling and analysis Initial risk assessment Clearance goals	Decontantination strategy Remediation Action Plan Worker health and safety Site preparation Source reduction Waste disposal Decontamination of sites or items Decontamination verification	Cleatance envisoimentai sampling and analysis Cleatance decision	Renovation Reoccupation decision Long-term environmental and public heat mentioring

Key Points

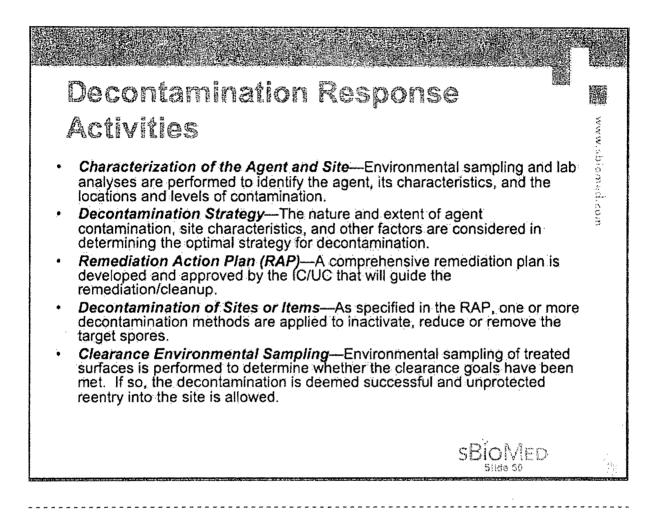
There are six phases to a response of a biological incident:

* Crisis Management

- * Notification Notification of appropriate agencies, identification of release sites
- * First response Initial assessment, Forensic investigation, sampling, etc,
- * Consequence Management
 - * Characterization of biological agent, site., environmental sampling, clearance goals
 - * Decontamination Strategy, Remediation Action Plan, site preparation, decontamination activities, verification
 - * Clearance environmental sampling, clearance decision
 - * Restoration Renovation, Reoccupation decision, monitoring

PAGE 31.0F 70 STUDENT MANUAL

Topic Decontamination Activities

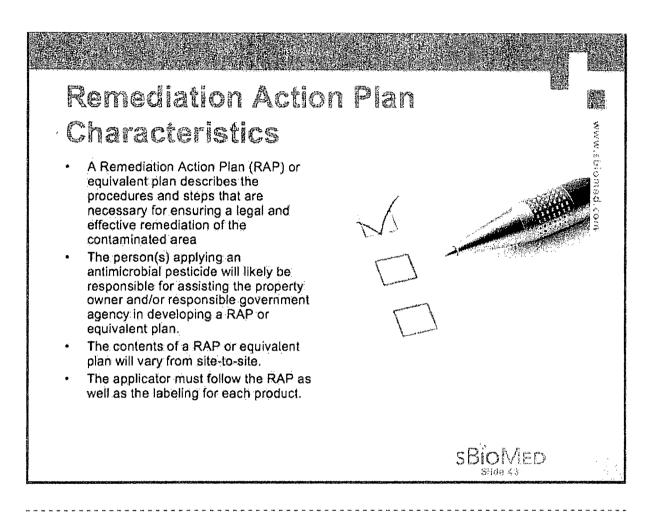


Key Points

Key decontamination activities include, but not limited to the following :

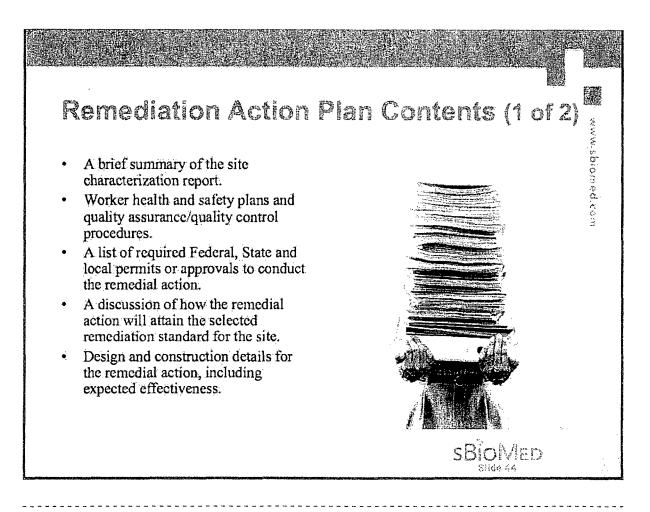
- * Characterization of the Agent and site samplings are performed to identify the agent, its characteristics and the location and level of contamination.
- * Decontamination Strategy a detailed strategy is developed after characterizing the nature, and extent of the contamination.
- * Remediation Action Plan (RAP) a comprehensive remediation plan is developed.
- * Decontamination of Sites or items As specified by the RAP, decontamination methods are applied to inactivate, reduce or remove the suspected biological agent.
- * Clearance Environmental Sampling sampling of treated surfaced is performed to determine the effectiveness of the process and determine if the clearance goals have been met.

Topic Introduction to the Remediation Action Plan



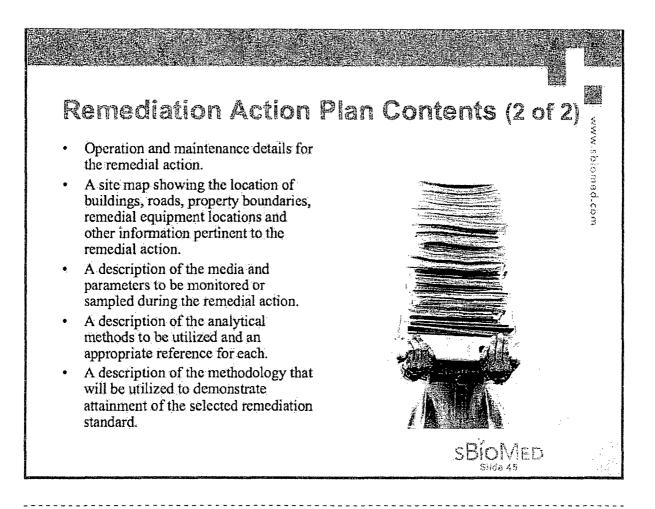
- * The Remediation Action Plan (RAP) describes the procedures and steps required to effectively remediate the contaminated sites.
- * The entities assigned to apply the antimicrobial pesticide will assist in developing the RAP.
- * The contents of the RAP are site specific.
- * Those entities responsible for applying the antimicrobial product are required to follow the RAP as well as the label and use-directions of the product.

Topic Contents of the Remediation Action Plan



- * A brief summary of the site characterization report
- * Worker health and safety plans and quality assurance quality control procedures
- * List of permits required by Federal, State and local governments to conduct remedial action
- * Discussion on how the remedial action will be successful
- * Details of the plan including expected effectiveness

Topic Contents of the Remediation Action Plan



- * Operation and maintenance details for the remedial action
- * Site map showing the location buildings, roads, etc pertinent to the remedial action
- * Description of the media and parameters to be monitored or sampled during the remedial action
- * Description of the analytical methods to be used
- * Description of the methodology that will be used to verify remediation standard

46/80

Topic Introduction to HASP

DECONTAMINATION AND INACTIVATION OF ANTHRAX

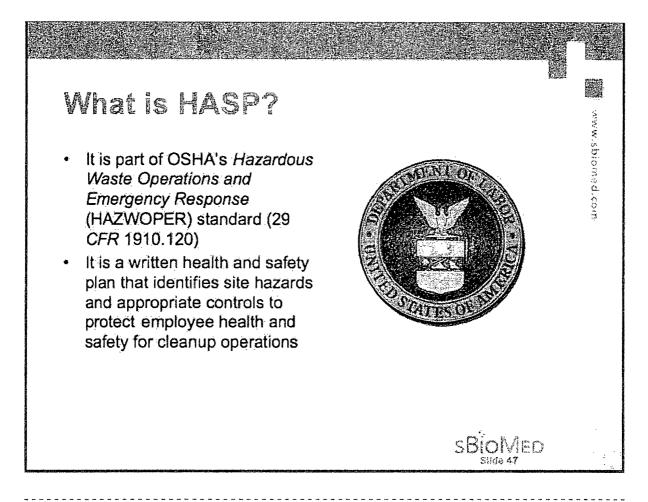
Health and Safety Considerations	www.s
The safety and well being of workers and other individuals potentially exposed to anthrax is the primary focus of the Health and Safety Plan (HASP).	www.sbianed.zom
SBÍOMED	

Key Points

* In the event of a future incident involving the release of a biological substance, health and care of workers in and around the site are of primary concern and is one of the subjects addressed in the Health and Safety Plan (HASP)

47/80





Key Points

What is HASP

- * It is a written plan that identifies the site hazard and the appropriate controls to protect employee and worker health while proceeding with cleanup operations.
- * It is part of OSHA's Hazardous Waste Operations and Emergency Response (HAZWOPER) standard

48/80

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DECONTAMINATION AND INACTIVATION OF ANTHRAX

Topic **Key elements of HASP**

 Key Elements of HASP The recommended elements identified below meet or exceed the intent of a site-specific HASP as described in the standard, 1910.120(b)(4): Organizational Structure Site Characterization and Job Hazards Analysis Site Control Training Medical Surveillance Personal Protective Equipment Exposure Monitoring Temperature Extremes Spill Containment Decontamination Emergency Response 	www.sbiomed.com
 Emergency Response Standard Operating Procedures SBioMED SBide 44 	

Key Points

- * These are key elements of the HASP plan
- * HASP describes how PPE is selected and used to protect workers from exposure to hazardous substances and hazardous conditions on the site. Exposure hazards from anthrax spores, as well as those from the decontamination process, are considered.

49/80

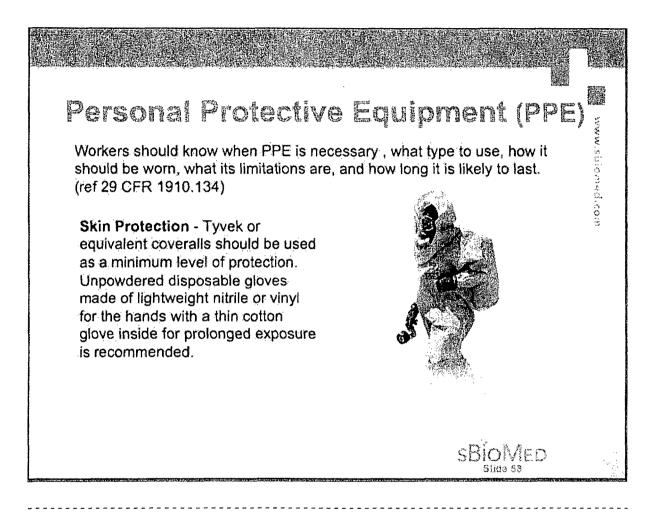
Topic Introduction to Worker Health and Safety

Worker Health and Safety	A W K
 Workers entering an area contaminated with the anthrax spores must follow the procedures described in an approved Health and Safety Plan (HASP). 	www.s&iomed.con
 The HASP describes all site hazards (including physical, biological, and chemical hazards) and appropriate protective measures such as Personal Protective Equipment (PPE) and vaccinations and/or medications. 	60 M
 Workers must also be HAZWOPER trained, as required by OSHA (29 CFR 1910.120 and 29 CFR 1926.65). 	
 Workers who enter the Hot Zone must wear appropriate PPE and when they exit the Hot Zone, doff PPE and decontaminate self and equipment per the HASP. 	
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- * All workers must be HAZWOPER trained. Employees receive general training regarding proper selection, use and inspection of PPE during initial HAZWOPER training (or equivalent) and subsequent refresher training.
- * An initial level of PPE is assigned to each task to provide an adequate barrier to exposure hazards. Initial PPE ensembles are selected based on the anticipated route(s) of entry of biological and chemical hazards and their concentration.

50/80

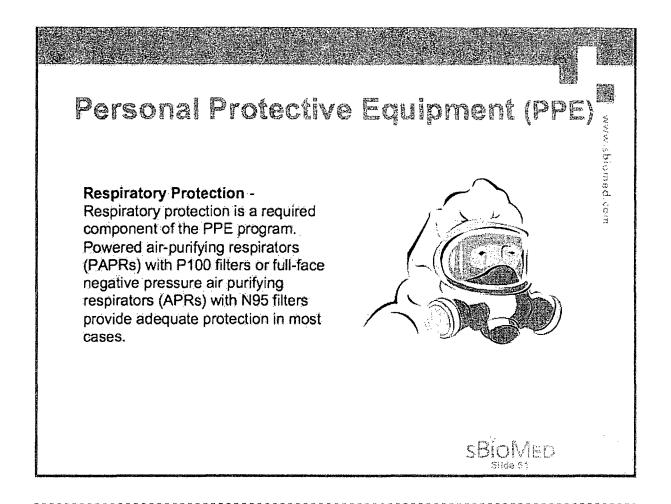
Topic Personal Protective Equipment (PPE)



Key Points

* Skin Protection is provided by specially designed lightweight materials that protect the worker from the hazardous microorganisms being treated.

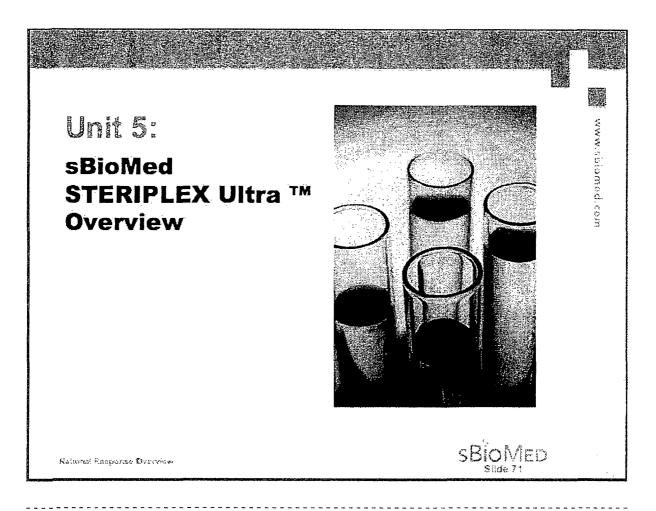
Topic Personal Protective Equipment (PPE)



- * Respiratory protection is selected, fitted, used, stored and maintained in accordance with the Respiratory Protection Program.
- * Powered air-purifying respirators (PAPRs) with P100 filters or full face negative pressure air purifying respirators (APRs) with N95 filters provide adequate protection in most cases.

52/80

Topic Unit Introduction



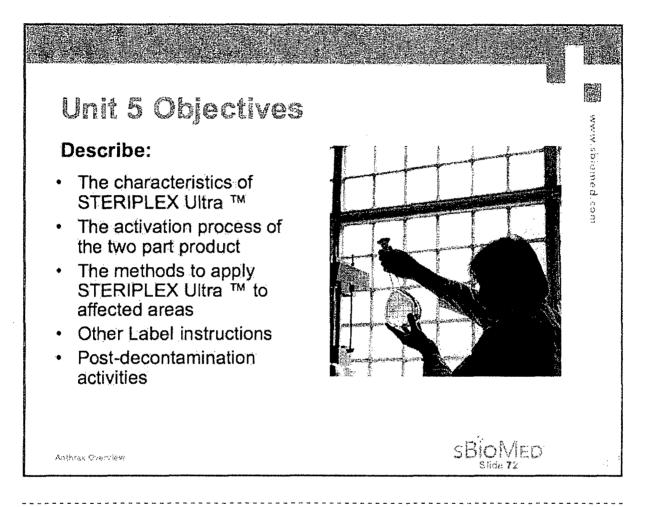
Key Points

This unit will help you to become familiar with :

- * The properties of the STERIPLEX Ultra[™] family of products,
- * How to prepare STERIPLEX Ultra[™] for application
- * Use-directions on how to apply STERIPLEX Ultra[™] in the inactivation process



Topic Unit Objectives

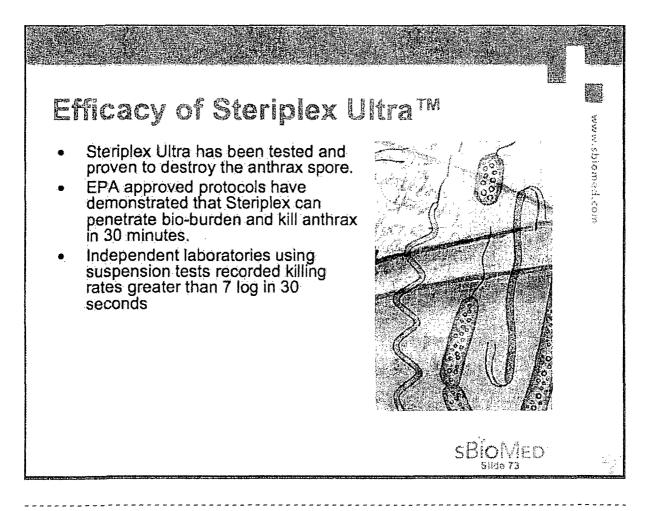


Key Points

By the end of this unit, you should be able to describe:

- * Characteristics and properties of STERIPLEX Ultra**,
- * The process to activate the STERIPLEX Ultra™ product,
- * The methods of applying the STERIPLEX Ultra[™] product to contaminated surfaces.
- * and, Post-decontamination activities

Topic Product Characteristics



- * STERIPLEX Ultra[™] is extremely effective against *Bacillus anthracis*.
- * Endospores is the toughest class to kill, anthrax is part of this group.
- * Efficacy data has been developed that demonstrate high rates of kill. (99.99999%)

Topic **Product Characteristics**

S		a two-part system requiring	art A) Toxicity the activation of the	www.sbiomed.com
	Acute Oral Toxicity	No Mortalities or side effects. No LD ₅₀		ned, ci
	Acute Dermal Irritation	Non Irritating to Skin.	Part A, comprising of solution in the main	202
	Acute Dermal Toxicity	No Mortalities or side effects.	container has a signal word of "CAUTION".	
	Dermal Sensitization	No Contact Sensitization.		
	Acute Eye Irritation	Moderate Temporary Irritation.		
	Acute Inhalation Toxicity	No Mortalities or side effects.		
			sBioMed	

Key Points

* STERIPLEX Ultra[™] is a two-part system that must be activated prior to use. The main component has a signal word of "CAUTION" applied to the label. The data that was generated with respect to the toxicity shows low toxic effects of Part A.

55/80

56/80 DECONTAMINATION AND INACTIVATION OF ANTHRAX

Topic Product Characteristics

Steriplex Ultra TM	is a two-part system req	³ art B) Toxicity
product prior to us Acute Oral Toxicity	1015 mg/kg LD _{so}	
Acute Dermal Irritation	Non irritating to Skin.	Part B, comprising of
Acute Dermal Toxicity	1912 mg/kg LD ₅₀	solution in the 10oz container has a signal
Dermal Sensitization	Strongly Corrosive	word of "DANGER".
Acute Eye Irritation	Corrosive	
Acute Inhalation Toxicity	0.49 mg/l	

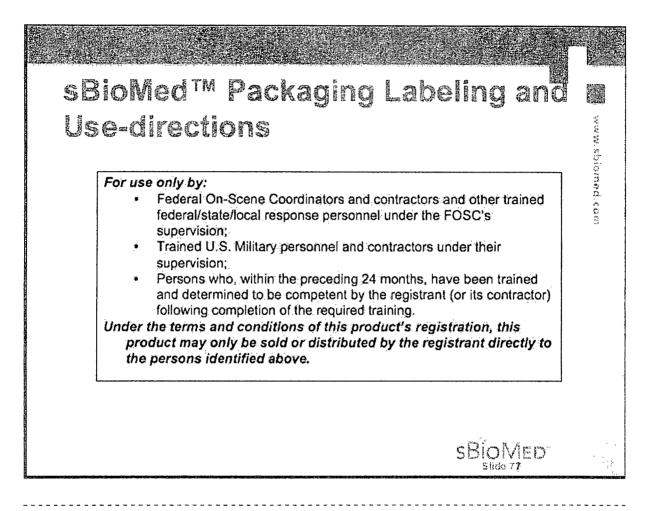
- * STERIPLEX Ultra[™] is a two-part system that must be activated prior to use. The activator component (part B) has a signal word of "DANGER". The data that was generated shows a HIGH degree of toxicity. Care is required when preparing STERIPLEX Ultra[™] for use.
- * Once the product has been activated with Part B, the mixed product has a toxicity profile similar to the Part A solution.

Topic Product Applications

 STERIPLEX UltraTM For use as a sporicidal decontaminant in industrial, commercial, and institutional settings including the following sites: Offices Government and residential buildings Educational buildings Educational buildings Public and private buildings Commercial, government and private vehicles Personal Protective Equipment Hospitals/Health care facilities 	<section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header>	vww.sbiomed.com
 Hospitals/Health care facilities Military institutions and equipment Manufacturing facilities Hotels, Cruise ships and Airports 		
	SBIOMED	

- * Numerous applications will benefit from the use of STERIPLEX Ultra™
- * Industrial and commercial applications will enjoy the effectiveness of STERIPLEX Ultra™
- * Government and Military will benefit from the efficacy properties as well

Topic Product Packaging, Labeling and Use-directions

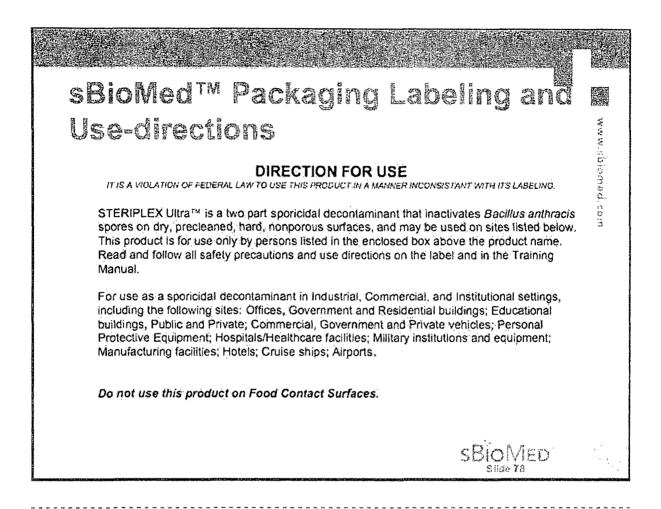


Key Points

PAGE 48 OF 70

- * STERIPLEX Ultra[™], will be strictly regulated through the EPA.
- * Only designated agencies and personnel will be able to purchase and use the STERIPLEX Ultra™ product
- * Special training is required, under law, in order to use this product for the inactivation of a anthrax spores.

Topic Product Packaging, Labeling and Use-directions



- * It is a violation of Federal Law to misuse the product as labeled.
- * STERIPLEX Ultra[™] can be used in many different settings
- * Product is not intended for use on food contact surfaces.

60/80

Topic **Product Packaging, Labeling and Use-directions**

			jit i
	60	BioMed TM Packaging Labeling and	
	Sauce of the	lse-directions	MMM
		DIRECTION FOR USE	ar ar
		IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTANT WITH ITS LABELING.	siame
	STE	EPARATION – STERIPLEX Ultra™ is a two-part sporicidal decontaminant system consisting of: ERIPLEX Ultra™ (Part A) (EPA Reg. No. 84545-); a one gallon container of 0.03% silver, and ERIPLEX Ultra™ Activator (Part B) (EPA Reg. No. 84545-); a smaller bottle containing 15% peracetic acid and 22% hydrogen peroxide.	www.sbiamed.com
	1.	Wearing specified personal protective equipment (PPE) as described under the PRECAUTIONARY STATEMENTS on this label, find the STERIPLEX Ultra TM Activator (Part B) bottle. Remove the cap from the bottle.	
	2.	On the "Part A" container, remove the cap. Pour the entire contents of the STERIPLEX Ultra ™ Activator (part B) into the opening of the "Part A" container.	
	3.	Discard the spent STERIPLEX Ultra™ Activator (Part B) container in an approved waste disposal receptacle as directed on the STERIPLEX Ultra™Activator (Part B) label. Replace cap back onto the "Part A" container.	
	4.	Mix the two-part solution by agitating the contents for approximately 15 seconds.	
	5.	Pour the mixed solution into applicator equipment for usage.	
l	6,	Mix fresh batch daily. Dispose of unused solution within 24 hours of mixing:	
		SBIOMED	
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Key Points

* STERIPLEX Ultra[™] is a two part disinfection system.

* STERIPLEX Ultra^m part A is found in the main container, usually a one gallon container.

* Part B is a bottle of activator that will be supplied with the main container.

61/80

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Topic Product Packaging, Labeling and Use-directions

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STEF	& PLE>	(Ultra TM (Part A)	
FIRS	TAID	Statements	www.
	S	FIRST AID FOR [ERIPLEX Ultra™ (Part A)	sbiom
	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.	www.sbiomed.com
	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.	
	ie swallowed	Have person sip a glass of water if able to swallow. Do not induce vomiting taless told to by a poison control center or ductor. Do not give anything by mouth to an unconscious person. Cell a poison control center or doctor immediately for iregiment advice.	
	treatment.	er or label with you when calling a poison centrol center or going for	
	<u>FUR LAIERUENCY A</u>	IEDICAL INFORMATION CALL TOLL FREE: 1-800-222-1222	
	*****	SBIOMED	

Key Points

* STERIPLEX[™] Ultra is a two part disinfection system.

* STERIPLEX[™] Ultra part A First Aid instruction are also applicable to Part A only.

62/80

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Topic Product Packaging, Labeling and Use-directions

	PLEX Ultra™ Activator (Part B) AID Statements
<u> </u>	FIRST AID FOR
IF IN THE EYES	STERIPLEX Ultra [™] Activator (Part B) Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 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 45-20 minutes. Call a polson control center or physician for treatment advice.
IF SWALLOWED	Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center of doctor immediately for treatment advise:
IFINHALED	Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice
NOTE TO PHYSICI	N: Probable mucosal damage may contraindicate the use of gastric lavage.
Have the product co	ntainer or label with you when calling a poison control center or going for treatment.
FOR EMERGEN	CY MEDICAL INFORMATION CALL TOLL FREE: 1-800-222-1222

Key Points

* STERIPLEX^m Ultra is a two part disinfection system.

* STERIPLEX[™] Ultra First Aid statements applicable only to Part B.

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DECONTAMINATION AND INA	CTIVATION OF ANTHRAX	新教育和学校和教育和学校 的学校。		

Topic Product Application Methods

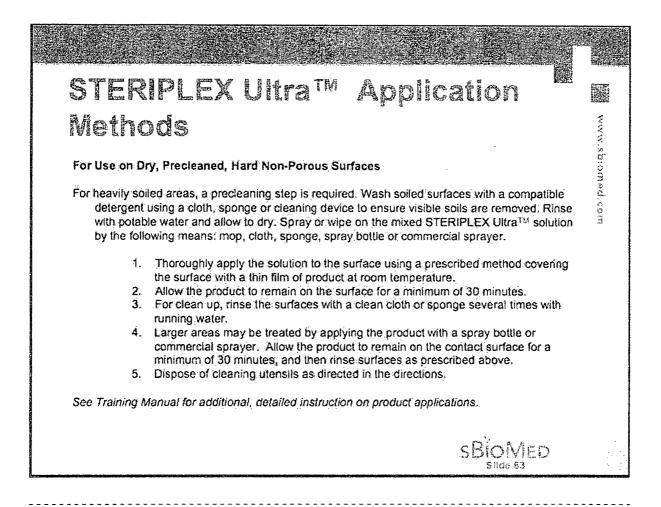
STERIPLEX Ultra TM Application	
Methods	www
Application Methods - For use on Hard, Non-porous, Non-Food Contact Surfaces	57
STERIPLEX Ultra™ can be applied to surfaces by conventional (spray) (mopping) (cloth) or (sponge) method.	www.sblomad.com
To Fill or (refill) empty spray-bottle:	3
1. Remove trigger 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 on with STERIPLEX Ultram mixture.	
IMPORTANT: Once activated, the mixed STERIPLEX Ultra ¹⁴⁴ solution can only be used as a sporicide for 10 days. Dispose of any solution that has exceeded this timeframe after activation. Mark the date the solution was mixed on the container with a permanent marker in the space provided.	
sBioMed	-
SDIQIVIEL) Skie 32	

Key Points

* STERIPLEX[™] Ultra is intended to be used on Dry, Pre-cleaned, Hard, Non-porous, Non-Food contact surfaces

- * Product can be applied using conventional methods such as spray, mopping, cloth or sponge
- * Follow the appropriate instructions for using these methods
- * Once the solution is mixed it is active as a sporicide for 10 days. Any product remaining after these timeframes must be disposed of. Marking the date of activation on the container will aid in tracking the period of activation

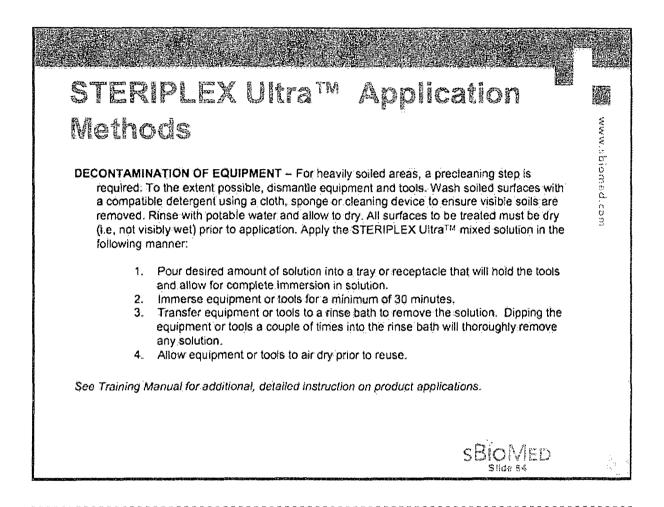
Topic Product Use-Directions



- * Surfaces must be cleaned before treating with STERIPLEX Ultra™
- * Surfaces must remain in contact with the solution for 30 minutes before rinsing and removing the solution.

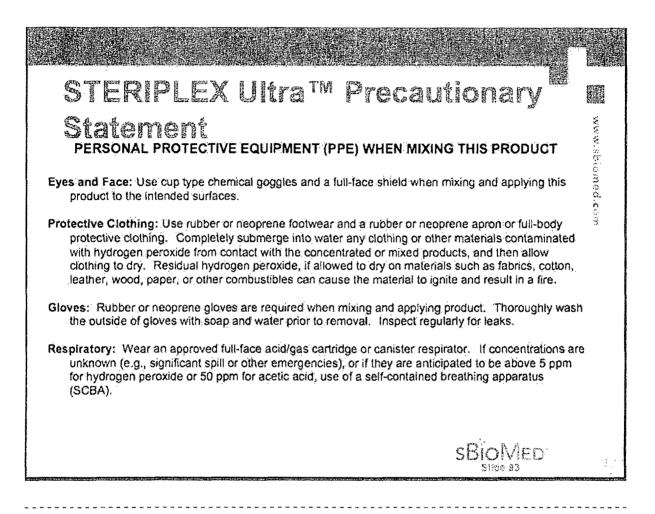
DECONTAMINATION AND INACT

Topic Product Use-Directions



- * Equipment must be cleaned and/or dismantled before treating with STERIPLEX Ultra™
- * Equipment must remain in contact with the solution for 30 minutes before rinsing and removing the solution.

Topic Product Precautionary Statements



Key Points

* When using this product, personal protective equipment must protect the eyes and skin (mainly the hands) and must protect against inhalation of the product.

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Topic Product Precautionary Statements for Part A

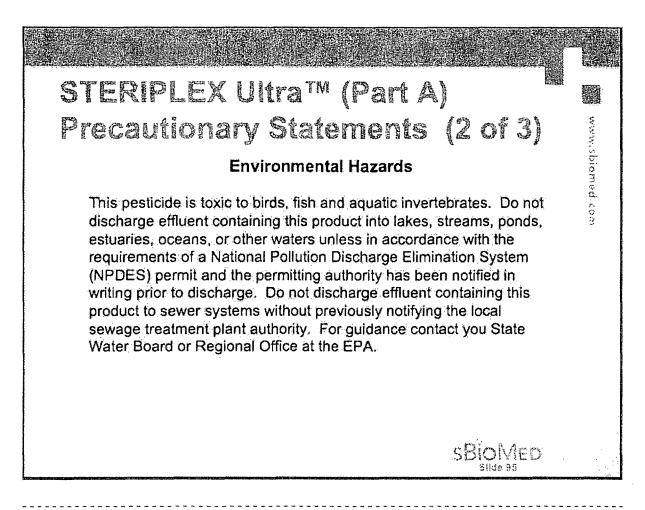
STERIPLEX Ultra™ (Part A)	
Precautionary Statements (1 of 3)	. www.sbiomed.com
HAZARDS TO HUMANS AND DOMESTIC ANIMALS	nea.
CAUTION - Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Harmfül if absorbed through skin. Remove and wash contaminated clothing before reuse.	tiaC
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Key Points

- * It is important for user to understand hazards of the product to themselves and the environment
- * Use care in protecting eyes and skin when product (Part A) is in contact with the user.

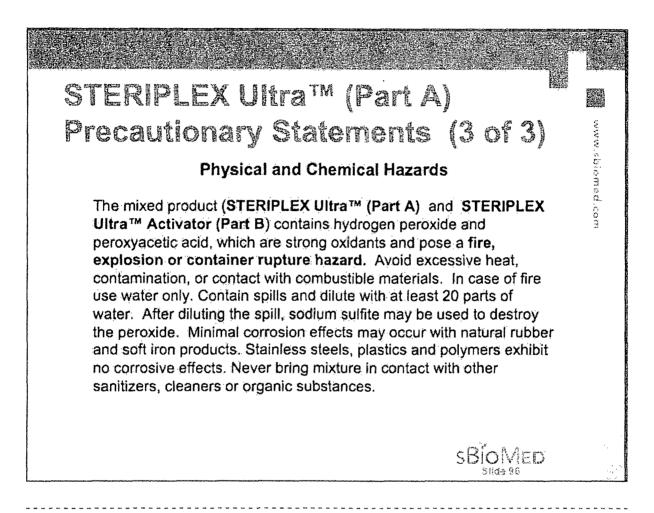
68/80

Topic Product Cautionary Statements for Part A



- * Protect estuaries and other water sources by discarding the product properly.
- * Contact local Water Board or Regional EPA offices for proper disposal methods.

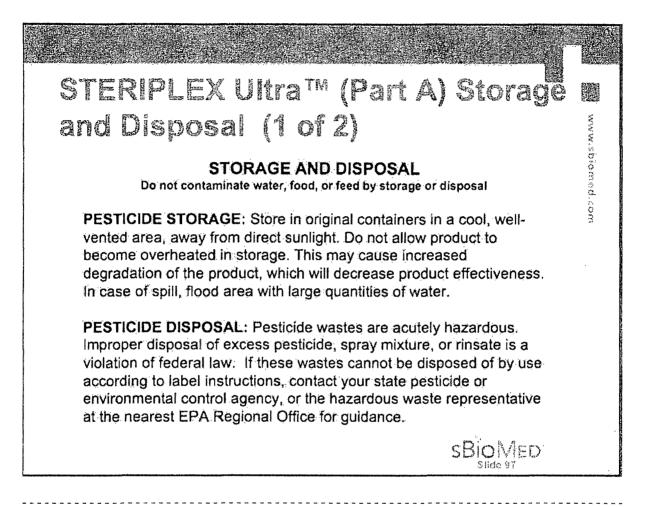
Topic Product Precautionary Statements for Part A



- * Product should not be exposed to elements such as heat or other combustible materials.
- * The product contains elements which are strong oxidants and pose a fire, explosion or container rupture hazard if not treated properly.
- * USE WATER only in the case of fire.

20/80

Topic Product Storage and Disposal for Part A

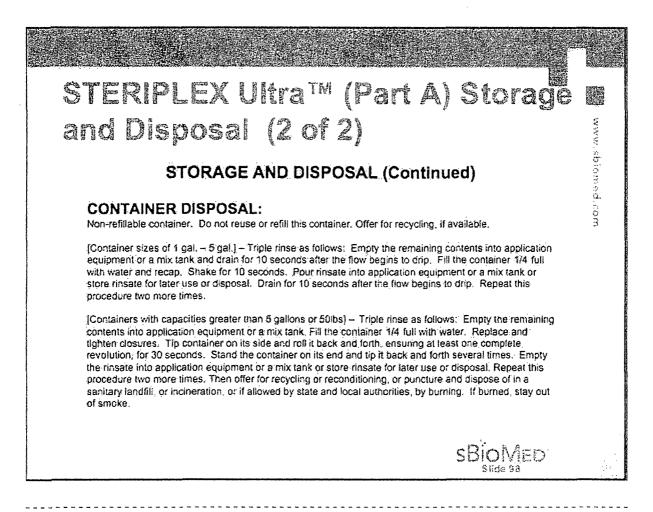


Key Points

* It is a violation of federal law to dispose of unused product in a manner not identified in the product label.

31/80

Topic Product Storage and Disposal for Part A



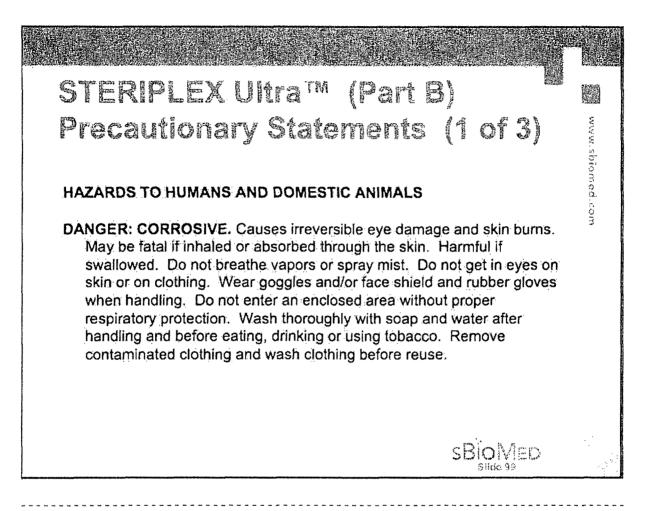
STUDENT MANUAL

Key Points

PAGE 61 OF 70

* Disposal of containers is detailed on the label instructions.

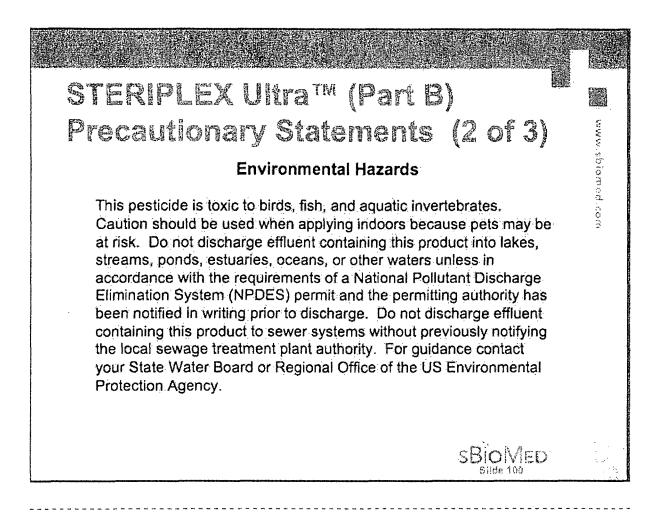
Topic **Product Precautionary Statements for Part B**



- * It is important for user to understand hazards of the product to themselves and the environment
- * Use care in protecting eyes and skin when product (Part B) is in contact with the user. User must use and follow all of the precautionary guides as identified on the label to protect themselves.

73/80

Topic Product Precautionary Statements

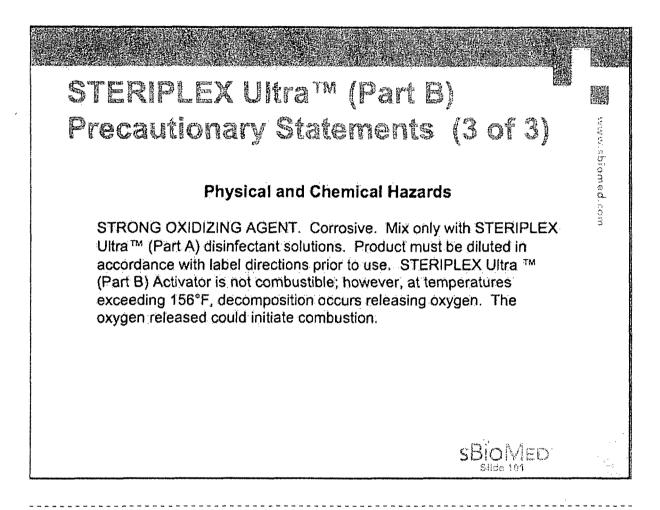


Key Points

- * Protect estuaries and other water sources by discarding the product properly.
- * Contact local Water Board or Regional EPA offices for proper disposal methods.

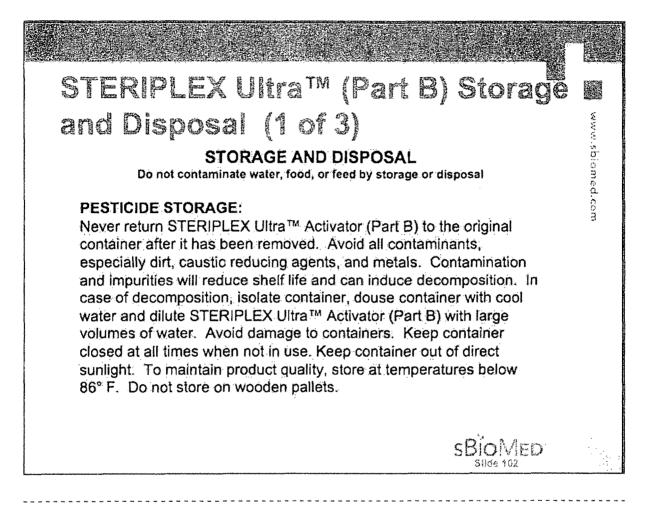
PAGE 63'OF 70

Topic Product Precautionary Statements



- * Product should not be exposed to elements such as heat or other combustible materials.
- * The product contains elements which are strong oxidants and pose a fire, explosion or container rupture hazard if not stored properly.
- * USE WATER only in the case of fire.

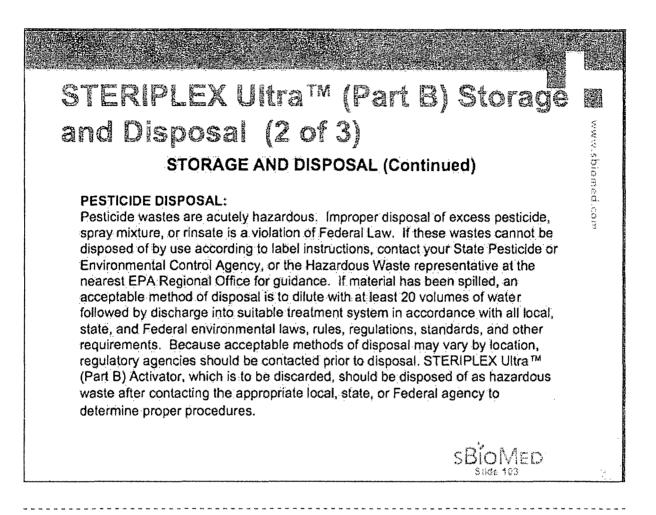
Topic Product Storage and Disposal Statements



Key Points

* Appropriate storage of the STERIPLEX Ultra Activator[™] (Part B) in approved conditions is necessary to achieve top performance.

Topic Product Storage and Disposal Statements

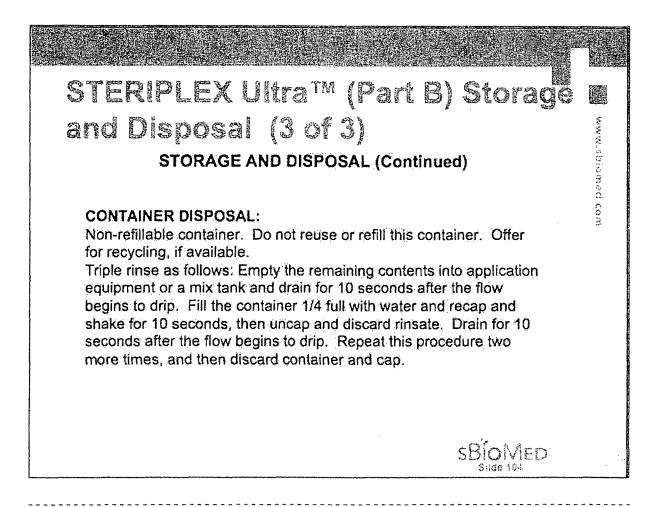


Key Points

* It is a violation of federal law to dispose of unused product in a manner not identified on the product label.

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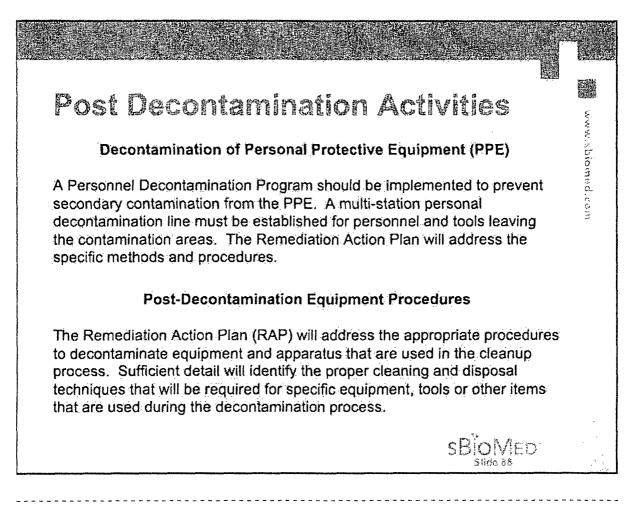
Topic Product Storage and Disposal Statements



- * Disposal of containers is detailed on the label instructions.
- * All containers are non-refillable. Offer for recycling if available
- * To clean containers before disposal, follow the triple rinse instructions

78[80

Topic Post Decontamination Activities



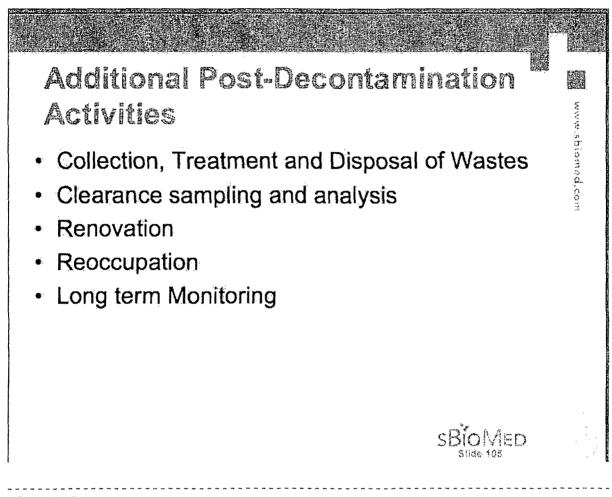
Key Points

PAGE 68 OF 70

Post Decontamination Activities :

- * Decontamination of Personal Protective Equipment,
 - * Multi-station line to decontaminate personnel and tools, as personnel exit the contamination site
- * Decontamination of equipment used in the cleanup process

Topic Post-Decontamination Activities



STUDENT MANUAL

Key Points

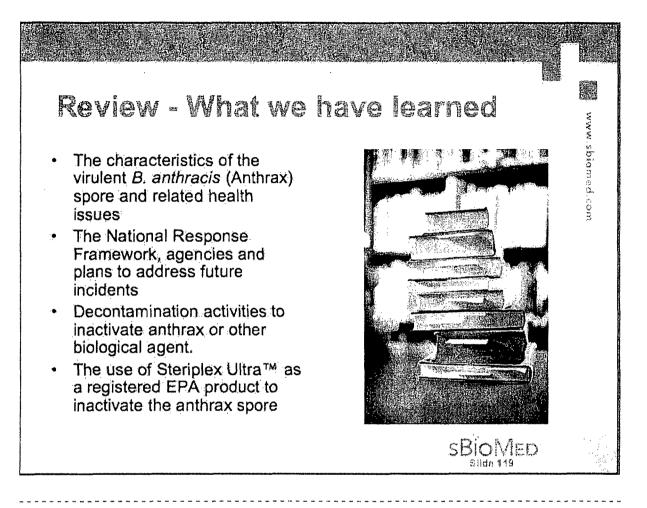
Post Decontamination activities include:

- * Collection, Treatment and disposal of wastes,
- * Clearance sampling and analysis,
- * Renovation
- * Reoccupation

PAGE 69 OF 70

* Long term monitoring

Topic Review Activities



- * We have learned what Anthrax is, where it occurs and the implications on human health
- * We have learned what the framework is that has been developed on the National level to address future incidents of biological releases
- * We have learned about the many activities and plans that have been created to decontaminate an area or equipment that has been exposed to anthrax or other biological agents
- * We have learned about the STERIPLEX Ultra[™] product that is used to decontaminate anthrax spores