



# Coverage<sup>®</sup> Spray TB

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 08/27/2015

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product Identifier

Product Form : Mixture  
Product Name : Coverage<sup>®</sup> Spray TB  
Product Code : 1429

#### 1.2. Intended Use of the Product

Use of the substance/mixture : Cleaner, Deodorizer, Disinfectant, Virucide, Tuberculocidal, Fungicide (against pathogenic fungi) Mildewstat (on hard inanimate surfaces)  
For professional use only.

#### 1.3. Name, Address, and Telephone of the Responsible Party

Company  
STERIS Corporation  
P. O. Box 147, St. Louis, MO 63166, US  
Telephone Number for Information: 1-800-444-9009 (Customer Service - Scientific Products)  
US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)  
web: [www.steris.com](http://www.steris.com)  
email: [asksteris\\_msds@steris.com](mailto:asksteris_msds@steris.com)

### SECTION 2: Hazards Identification

#### 2.1. Classification of the Substance or Mixture

##### Classification (GHS-US)

Eye Dam. 2B H320  
Full text of H-phrases: see section 16

#### 2.2. Label Elements - This label is regulated by the EPA under FIFRA. Refer to Section 15.

##### GHS-US Labeling

Hazard Pictograms (GHS-US) : None  
Signal Word (GHS-US) : Warning  
Hazard Statements (GHS-US) : H320 - Causes eye irritation.  
Precautionary Statements (GHS-US) : P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
P280 - Wear eye protection, protective clothing, protective gloves.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### 2.3. Other Hazards

No data available

#### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

### SECTION 3: Composition/Information On Ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Diethylene glycol monobutyl ether	(CAS No) 112-34-5	7-10	Eye Dam. 2A, H319
Tetrasodium EDTA	(CAS No) 64-02-8	1-3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Full text of H-phrases: see section 16

### SECTION 4: First Aid Measures

#### 4.1. Description of First Aid Measures

First-aid Measures General : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).  
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  
First-aid Measures After Inhalation : Move to fresh air. Call a physician if symptoms develop or persist.  
First-aid Measures After Skin Contact : Wash off with soap and water. Get medical attention if irritation develops and persists.  
First-aid Measures After Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice /attention.  
First-aid Measures After Ingestion : Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical attention immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

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Symptoms/Injuries After Eye Contact	:	Causes eye irritation. Exposed individuals may experience eye tearing, redness and discomfort.
Symptoms/Injuries After Ingestion	:	Expected to be a low ingestion hazard. If the product is ingested, probably mucosal damage may contraindicate use of gastric lavage. Treat the affected person appropriately.
Chronic Symptoms	:	None expected under normal conditions of use.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Suitable Extinguishing Media	:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable Extinguishing Media	:	Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard	:	During fire, gases hazardous to health may be formed.
Explosion Hazard	:	No unusual fire or explosion hazards noted.
Reactivity	:	Move containers from fire area if you can do so without risk.

### 5.3. Advice for Firefighters

Precautionary Measures Fire	:	Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Firefighting Instructions	:	Use standard firefighting procedures and consider the hazards of other involved materials.
Protection During Firefighting	:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures : Handle in accordance with good industrial hygiene and safety practices.

#### 6.1.1. For Non-emergency Personnel

Protective Equipment	:	Use appropriate personal protection equipment (PPE).
Emergency Procedures	:	Evacuate unnecessary personnel. Keep upwind.

#### 6.1.2. For Emergency Responders

Protective Equipment	:	Equip cleanup crew with proper protection.
Emergency Procedures	:	Stop leak if safe to do so. Ventilate area.

### 6.2. Environmental Precautions

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and Material for Containment and Cleaning Up

For Containment	:	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Methods for Cleaning Up	:	Absorb in vermiculite, dry sand or earth and place into containers. Prevent from entering drains. Following product recovery, flush area with water.
Small quantities of liquid spill	:	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### 6.4. Reference to Other Sections

See Section 8: Exposure Controls and Personal Protection.

## SECTION 7: Handling And Storage

### 7.1. Precautions for Safe Handling

Additional Hazards When Processed	:	Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Do not contaminate water, food, or feed by storage or disposal.
Hygiene Measures	:	Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke in areas where product is used.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures	:	Observe all regulations and local requirements regarding storage of containers.
Storage Conditions	:	Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in original tightly closed container. Store away from incompatible materials (See Section 10), preferable.
Incompatible Products	:	Strong acids, alkalies and oxidizing agents.

### 7.3. Specific End Use(s)

Cleaner, Deodorizer, Disinfectant, Virucide, Tuberculocidal, Fungicide (against pathogenic fungi) Mildewstat (on hard inanimate surfaces) For professional use only.

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### SECTION 8: Exposure Controls/Personal Protection

#### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL).

Diethylene glycol monobutyl ether (112-34-5)		
USA ACGIH	ACGIH TWA (ppm)	10 ppm

#### 8.2. Exposure Controls

Appropriate Engineering Controls : Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

Personal Protective Equipment : Avoid all unnecessary exposure. Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing : Chemical resistant suit.

Hand Protection : Impermeable protective gloves.

Eye Protection : Chemical safety goggles.

Skin and Body Protection : Wear suitable protective clothing. Chemical resistant suit.

Respiratory Protection : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls : Avoid release to the environment.

Consumer Exposure Controls : Do not eat, drink or smoke during use.

### SECTION 9: Physical And Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance : Clear

Odor : Pleasant fragrance

Odor Threshold : No data available

pH : 12

Evaporation rate : No data available

Melting Point : >32°F (>0°C)

Freezing Point : >32°F (>0°C)

Boiling Point : > 212 °F (>100°C)

Flash Point : > 201 °F (>93.9 °C) ( Pensky-Martens Closed Cup)

Auto-ignition Temperature : No data available

Decomposition Temperature : No data available

Flammability (solid, gas) : No data available

Vapor Pressure : No data available

Relative Vapor Density at 20 °C : No data available

Relative Density : No data available

Specific Gravity : ~1.01 g/ml

Solubility : Complete in water

Viscosity : No data available

Explosive Properties : No data available

Explosion Data – Sensitivity to Mechanical Impact : No data available

Explosion Data – Sensitivity to Static Discharge : No data available

#### 9.2. Other Information

No additional information available

### SECTION 10: Stability And Reactivity

#### 10.1 Reactivity:

The product is stable and non-reactive under normal conditions of use, storage and transport.

#### 10.2 Chemical Stability:

Material is stable under normal conditions.

#### 10.3 Possibility of Hazardous Reactions:

No dangerous reaction known under conditions of normal use.

#### 10.4 Conditions to Avoid:

Avoid exceeding temperatures exceeding the flash point. Contact with incompatible materials.

#### 10.5 Incompatible Materials:

Strong acids, alkalies and oxidizing agents.

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### 10.6 Hazardous Decomposition Products:

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

### 11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Coverage <sup>®</sup> Spray TB	
LD50 Dermal Rabbit	>5 g/kg
LC50 Inhalation Rat	>2.43 mg/l
LD50 Oral Rat	>5 g/kg

Skin Corrosion/Irritation	: Causes mild skin irritation.
Serious Eye Damage/Irritation	: Causes eye irritation.
Respiratory or Skin Sensitization	: This product is not expected to cause skin sensitization.
Germ Cell Mutagenicity	: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Teratogenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive Toxicity	: This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity (Single Exposure)	: Not applicable
Specific Target Organ Toxicity (Repeated Exposure)	: Not classified
Aspiration Hazard	: Not classified
Symptoms/Injuries After Eye Contact	: Causes eye irritation. Exposed individuals may experience eye tearing, redness and discomfort.
Symptoms/Injuries After Ingestion	: Expected to be a low ingestion hazard. If the product is ingested, probably mucosal damage may contraindicate use of gastric lavage. Treat the affected person appropriately.
Chronic Symptoms	: None expected under normal conditions of use.

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecology - General : Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Tetrasodium EDTA (64-02-08)		
LC 50 Fish	Bluegill ( <i>Lepomis macrochirus</i> )	475-500mg/l, 96 hours

### 12.2. Persistence and Degradability

Expected to be readily biodegradable.

### 12.3. Bioaccumulative Potential

No data available

### 12.4. Mobility in Soil

No data available

### 12.5. Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

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	: Non-refillable container. Do not reuse or refill container. Clean container promptly after emptying. (For containers 5 gallons or less): Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

## SECTION 14: Transport Information

### 14.1 In Accordance with DOT

Not regulated as a dangerous good.

### 14.2 In Accordance with IMDG

Not regulated as a dangerous good.

### 14.3 In Accordance with IATA

Not regulated as a dangerous good.

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### SECTION 15: Regulatory Information

#### 15.1 US Federal Regulations

The product is US EPA registered pesticide.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR, 1910.1200.

EPA FIFRA Pesticide Product Notice	This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
EPA FIFRA Signal Word	CAUTION
EPA FIFRA Hazard Statements	Keep out of reach of children.
EPA FIFRA Precautionary Statements	HAZARDS TO HUMANS AND DOMESTIC ANIMALS. Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes or clothing Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

#### 15.2 US State Regulations

Not applicable

#### 15.3. Canadian Regulations

Not applicable

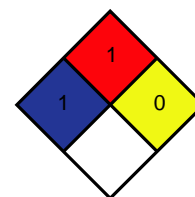
### SECTION 16: Other Information, Including Date Of Preparation Or Last Revision

Revision date : 08/27/2015  
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Dam. 2B	Serious eye damage/eye irritation Category 2B
H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given  
NFPA Fire Hazard : 1 - Must be preheated before ignition can occur.  
NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



#### Party Responsible for the Preparation of This Document

STERIS Corporation

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

STERIS NA GHS SDS