SAFETY DATA SHEETS

This SDS packet was issued with item:

078885481

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078806026 078806067 078896969 078896977 078896985

MATERIAL SAFETY DATA SHEET

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (*As Used on Label and List)*

SpectoGard Scour-Chek

(Spectinomycin dihydrochloride pentahydrate)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number
Bimeda, Inc.	800-424-9300 (Chemtrec Service)
Address (*Number, Street, City, State and ZIP Code*) One Tower Lane, Suite 2250 Oakbrook Terrace Tower Oakbrook Terrace, IL 60181	Telephone Number for Information 630-928-0361
	Date Prepared February 28, 2006
	Signature of Preparer (*optional*)

Section II - Hazardous Ingredients/Identity Information

COMPOSITION:

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (*Optional*)
Spectinomycin dihydrochloride pentahydrate CAS #22189-3208				
Hydroxypropyl methyl cellulose NA3				
Potassium sorbate				
FD&C Red Dye #40				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H_20 = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	Nil.	Evaporation Rate (Butyl Acetate = 1)	Nil.

Solubility in Water
Soluble

Appearance and Odor
Liquid

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media
Alcohol foam, CO2, multipurpose dry chemical or halon-fire extinguisher.

Special Fire Fighting Procedures
Firefighter should use self-contained breathing apparatus (NIOSH/MSHA approved) and protective gear.

Unusual Fire and Explosion Hazards
N/A

(Reproduce locally)

OSHA 174, Sept. 1985

Obtained by Global Safety Management, 1-813-435-5161 - www.GSMSDS.com
Obtained by Global Safety Management, Inc. (www.globalsafetynet.com)

Section V - Reactivity Data

Stability			Conditions to Avoid None Known
	Unstable		
	Stable	X	

Incompatibility (*Materials to Avoid*)

May react violently in the presence of strong oxidizing agents (e.g., peroxides, permanganates, nitric acid).

Hazardous Decomposition or Byproducts

Emits nitrogen oxides and hydrogen chloride when heated to decomposition.

Hazardous Polymerization			
	May Occur		Conditions to Avoid
	Will Not Occur	X	None Known

Section VI - Health Hazard Data

Route(s) of Entry:	Eyes?	Inhalation?	Skin?	Ingestion?
	Not expected to cause irritation		No expected to cause irritation	

Health Hazards (*Acute and Chronic*)

Acute: Acute exposure is considered relatively nontoxic.

Contains Antimicrobial agent. Excessive exposure may cause liver and kidney damage. Material intended for animal use only.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

Signs and Symptoms of Exposure

None.

Medical Conditions Generally Aggravated by Exposure

None

Emergency and First Aid Procedures

Eye Contact: Flush eyes with copious amounts of water. Seek medical attention if irritation persists.

Skin Contact: Flush with copious amounts of water. Seek medical attention if irritation persists.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

If material is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment. Cordon off spill area and minimize the spreading of spilled material. Soak up spilled material with absorbent paper towels. Wash spill area thoroughly with soap and water. Collect spilled material, absorbent, and rinse water into suitable containers for disposal in accordance with applicable waste disposal regulations.

Waste Disposal Method

Dispose of unused drug in accordance with local, state or federal regulations.

Precautions to Be Taken in Handling and Storing

Avoid contact with skin, eyes, or clothing. Use adequate ventilation to minimize exposure. Wash thoroughly after handling. Store in a cool, dry well-ventilated area.

Other Precautions

None Listed.

Section VIII - Control Measures

Respiratory Precaution (*Specify Type*)

N/A

Ventilation	Local Exhaust None normally required.	Special N/A
	Mechanical (*General*) N/A	Other N/A

Protective Gloves Chemical-resistant gloves	Eye Protection Goggles.

Other Protective Clothing or Equipment

Safety shower and eye bath.

Work/Hygienic Practices

Normal accepted practices which minimize contact with eyes, mouth, nose, and skin.

OTHER

STORAGE REQUIREMENT: Store at room temperature according to label directions.

ANIMAL TOXICITY:

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all inclusive and shall be used only as a guide.

No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Bimeda, Inc. assumes no responsibility for damages caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.

Obtained by Global Safety Management, 1-813-435-5161 - www.GSMSDS.com
Obtained by Global Safety Management, Inc. (www.globalsafetynet.com)

SpectoGard Scour-Chek Oral Solution for Pig Scours (Spectinomycin Oral Solution for Pig Scours)

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 11/12/2015 Date of issue: 11/12/2015 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: SpectoGard Scour-Chek Oral Solution for Pig Scours (Spectinomycin Oral Solution for Pig Scours)

1.2. Intended Use of the Product

Use of the substance/mixture: Antibiotic

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

Company

Bimeda Inc.
One Tower Lane
Oakbrook Terrace Tower
Oakbrook Terrace, IL 60181
T 630-928-0361
F 630-928 0362
www.bimedaus.com

1.4. Emergency Telephone Number

Emergency Number : 519-654-8055, 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US classification

Skin Irrit. 2	H315
Eye Irrit. 2A	H319

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



GHS07

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

Precautionary Statements (GHS-US) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see section 4 on this SDS).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

3.2. Mixture*

Name	Product Identifier	%	GHS-US classification
Spectinomycin hydrochloride hydrate	(CAS No) 22189-32-8	5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Proprietary Component A	Proprietary	1 - 5	Comb. Dust
Proprietary Component B	Proprietary	< 1	Met. Corr. 1, H290 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402
Proprietary Component C	Proprietary	0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Proprietary Component D	Proprietary	< 1	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401
Proprietary Component E	Proprietary	< 1	Comb. Dust

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations.

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 where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

Symptoms/Injuries: Causes serious eye irritation. Causes skin irritation.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

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: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Antibiotic

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), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Proprietary Component D		
USA ACGIH	ACGIH Ceiling (ppm)	2 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	7 mg/m³
USA NIOSH	NIOSH REL (ceiling) (ppm)	5 ppm
USA IDLH	US IDLH (ppm)	50 ppm
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	7 mg/m³
USA OSHA	OSHA PEL (Ceiling) (ppm)	5 ppm

Proprietary Component B		
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³
USA IDLH	US IDLH (mg/m³)	10 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	2 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

Personal Protective Equipment : Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing : Chemically resistant materials and fabrics.

Hand Protection : Wear protective gloves.

Eye Protection : Chemical safety goggles.

Skin and Body Protection : Wear suitable protective clothing.

Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information : When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Red
Odor	: No data available
Odor Threshold	: No data available
pH	: 3 - 5
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
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
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen oxides (NOx), Hydrogen chloride gas.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Spectinomycin hydrochloride hydrate (22189-32-8)	
LD50 Oral Rat	> 5 g/kg

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

Proprietary Component C	
LD50 Oral Rat	3200 mg/kg

Proprietary Component E	
LD50 Oral Rat	> 10000 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg

Proprietary Component D	
LD50 Dermal Rabbit	> 5010 mg/kg

Proprietary Component B	
LD50 Dermal Rabbit	1350 mg/kg

Proprietary Component A	
LD50 Oral Rat	>= 4000 mg/kg

Skin Corrosion/Irritation: Causes skin irritation.

pH: 3 - 5

Serious Eye Damage/Irritation: Causes serious eye irritation.

pH: 3 - 5

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Proprietary Component D	
IARC group	3

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

Proprietary Component C	
LC50 Fish 1	1250 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Proprietary Component D	
LC50 Fish 1	3.25 - 3.5 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	4.92 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Proprietary Component B	
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	40 mg/l

12.2. Persistence and Degradability

SpectoGard Scour-Chek Oral Solution for Pig Scours (Spectinomycin Oral Solution for Pig Scours)	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

SpectoGard Scour-Chek Oral Solution for Pig Scours (Spectinomycin Oral Solution for Pig Scours)	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

SpectoGard Scour-Chek Oral Solution for Pig Scours (Spectinomycin Oral Solution for Pig Scours)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

Proprietary Component C
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component E
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component D	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on the United States SARA Section 302 Subject to reporting requirements of United States SARA Section 313	
SARA Section 302 Threshold Planning Quantity (TPQ)	500 (gas only)
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	1.0 % (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)

Proprietary Component B	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

Proprietary Component A
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Proprietary Component D
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List

Proprietary Component B
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 11/12/2015

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 (Dermal)	Acute toxicity (dermal) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460

Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
Comb. Dust	May form combustible dust concentrations in air
H290	May be corrosive to metals
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H401	Toxic to aquatic life
H402	Harmful to aquatic life

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.

SDS US (GHS HazCom)

Obtained by Global Safety Management,www.globalsafetynet.com, (877) 683-7460