

SECTION 1: Identification of the Substance and Supplier**1.1. Identification**

Product Form : Mixture
Trade Name : Lincomycin-Spectinomycin Water Soluble Powder.

1.2. Recommended Use and Restrictions on Use

Recommended Use : Veterinary Antibacterial & Antimycoplasmal.
Restrictions on Use : Not for Human use. Keep out of reach of children.

1.3. Supplier**Supplier**

Huvepharma Inc.
525 Westpark Drive, Suite 230
Peachtree City, GA 30269

Contact e-mail: customerservice@huvepharma.us

1.4. Emergency Telephone Number

Chemtrec Emergency Assistance Telephone : 1-800-424-9300

Chemtrec International Number : 1-703-527-3887

SECTION 2: Hazard(s) Identification**2.1. Classification of the Substance or Mixture****GHS US Classification**

Comb. Dust
Skin Irrit. 2 : H315
Eye Irrit. 2A : H319
Resp. Sens. 1 : H334
Skin Sens. 1 : H317
STOT SE 3 : H335
Full text of H-phrases: see section 16

2.2. GHS Label Elements, Including Precautionary Statements**GHS-US Labelling**

Hazard Pictograms (GHS-US) : 

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : May form combustible dust concentrations in air.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation.

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Precautionary Statements (GHS-US) :

- P261 - Avoid breathing vapors, mist, or spray.
- P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing must not be allowed out of the workplace.
- P280 - Wear protective gloves, protective clothing, and eye protection.
- P284 - [In case of inadequate ventilation] wear respiratory protection.
- P302+P352 - If on skin: Wash with plenty of water.
- P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 - Call a poison center or doctor if you feel unwell.
- P321 - Specific treatment (see section 4 on this SDS).
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

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

3.2. Mixture

Name	Product identifier	%	GHS US classification
Spectinomycin hydrochloride hydrate	(CAS No) 22189-32-8	44%	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Proprietary Component A	Proprietary	34.0	Comb. Dust
Lincomycin hydrochloride	(CAS No) 7179-49-9	22.0	Resp. Sens. 1, H334 Skin Sens. 1, H317

*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 : Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

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.

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4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries	: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization.
Symptoms/Injuries After Inhalation	: Irritation of the respiratory tract and the other mucous membranes. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Dust may be harmful or cause irritation.
Symptoms/Injuries After Skin Contact	: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
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	: Use extinguishing media appropriate for surrounding fire.
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	: Combustible Dust.
Explosion Hazard	: Dust explosion hazard in air.
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.
Other Information	: Risk of dust explosion.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

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 solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.
Methods for Cleaning Up	: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

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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

- Additional Hazards When Processed : Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.
- 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 dust. Avoid contact with skin, eyes and clothing. Avoid contact with eyes, skin and clothing. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.
- 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. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.
- 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.
- Specific End Use(s) : Veterinary Antibacterial & Antimycoplasmal.

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 A		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)

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. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.
- Personal Protective Equipment : Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



- Materials for Protective Clothing : Chemically resistant materials and fabrics.
- Hand Protection : Wear protective gloves.
- Eye Protection : Chemical safety goggles.

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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 : Solid
Appearance : White to off-white powder
Odor : No data available
Odour threshold : No data available
pH : No data available
Evaporation Rate : No data available
Freezing point : 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. Sparks, heat, open flame and other sources of ignition.

10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products

Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Hydrogen chloride gas.

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SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity	: Not classified
Lincomycin hydrochloride (7179-49-9)	
LD50 Oral Rat	: >4 g/kg
Spectinomycin hydrochloride hydrate (22189-32-8)	
LD50 Oral Rat	: >5 g/kg
Proprietary Component A	
LD50 Oral Rat	: 29700 mg/kg
Skin Corrosion/Irritation	: Causes skin irritation.
Serious Eye Damage/Irritation	: Causes serious eye irritation.
Respiratory or Skin Sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ Cell Mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive Toxicity	: Not classified
Specific Target Organ Toxicity (Single Exposure)	: May cause respiratory irritation.
Specific Target Organ Toxicity (Repeated Exposure)	: Not classified
Aspiration Hazard	: Not classified
Symptoms/Injuries After Inhalation	: Irritation of the respiratory tract and the other mucous membranes. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Dust may be harmful or cause irritation.
Symptoms/Injuries After Skin Contact	: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
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.

12.2. Persistence and Degradability

Lincomycin-Spectinomycin Water Soluble Powder
Persistence and Degradability : Not established.

12.3. Bioaccumulative Potential

Lincomycin-Spectinomycin Water Soluble Powder
Bio accumulative Potential : Not established.

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

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.

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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

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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

U.S.- Massachusetts

Right To Know List

U.S.- Pennsylvania

RTK (Right to Know) List

SECTION 16: Other Information, Including Date of Preparation or Last Revision

This document has been prepared in accordance with the SDS requirement of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Revision date : 7/7/2021

GHS Full Text Phrases

Comb. Dust	: Combustible Dust.
Eye irrit. 2A	: Serious eye damage/eye irritation Category 2A.
Resp. Sens. 1	: Respiratory sensitization Category 1.
Skin Irrit. 2	: Skin corrosion/irritation Category 2.
Skin Sens. 1	: Skin sensitization Category 1.
STOT SE 3	: Specific target organ toxicity (single exposure) Category 3.
Comb. Dust	: May form combustible dust concentrations in air.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H319	: Causes serious eye irritation.
H334	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	: May cause respiratory irritation.

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.

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Authorization Holder:

HUVEPHARMA, INC.
PEACHTREE CITY, GA 30269

Safety Data Sheet (SDS), USA

The information on this data sheet reflects the currently available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product, including the use of the product in combination with any other product or any other process, is the responsibility of the user. It is implicit that the user is responsible for determining appropriate safety measures and for applying the legislation covering his/her own activities.