



LINCO-SPEC PREMIX

Abbey Animal Health Pty Ltd SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: 16 Voyager Circuit, Glendenning NSW 2761

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

PRODUCT NAME

LINCO-SPEC PREMIX

PRODUCT USE

For treatment and control of swine dysentery (Vibrionic dysentery, bloody scours); salmonellosis (necrotic enteritis); enteritis associated with *E.coli* and as an aid in control of mycoplasmal pneumonia.

Section 2- Hazards Identification

Statement of Hazardous Nature

This product is classified as: Classified as hazardous according to the criteria of SWA.

SUSMP Classification: S4

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

GHS Signal word: WARNING.

GHS Classification

Sensitization-skin- Category 1

HAZARD STATEMENT

H317: May cause an allergic skin reaction.

PREVENTION

P261: Avoid breathing dust/fume/ gas/mist/ vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves.

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RESPONSE

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	CAS Number	Conc, %w/w
Lincomycin Hydrochloride	859-18-7	2.2
Spectinomycin sulfate tetrahydrate	64058-48-6	2.2
Non-hazardous ingredients	secret	to 100

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Swallowed: Rinse mouth with water ensuring that mouthwash is NOT swallowed. Contact a doctor or the Poisons Information Centre Ph. 131 126.

Eye: Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.

Skin: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Inhaled: Move individual to fresh air. Seek medical attention if breathing difficulty occurs.

Advice to doctor: Treat hypersensitivity reactions as indicated clinically. Lincomycin has been shown to have neuromuscular blocking properties that may enhance the action of other neuromuscular blocking agents. If an allergic reaction should occur, the usual agents (epinephrine, corticosteroids, and antihistamines) should be used as indicated.

Section 5- Fire Fighting Measures

Fire/Explosion Hazard: Non-flammable.

Hazardous Combustion Products: During fire, gases hazardous to health may be formed. Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Apply extinguishing media carefully to avoid creating airborne dust. Do not use water jet as an extinguisher, as this will spread the fire.

Section 6 - Accidental Release Measures

Methods and materials for containment and cleaning

Ensure adequate ventilation. Avoid the generation of dusts during clean-up. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Collect spill with an inert, non-combustible absorbent material and transfer to labelled container for disposal. Clean contaminated surface thoroughly. Prevent release to the environment.

Small Spills: Wipe up with a damp cloth and place in container for disposal. Clean surface thoroughly to remove residual contamination.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10 (if any).

Storage: Store below 30°C (Room Temperature). PROTECT FROM MOISTURE. Store opened bag in a dry place to prevent caking.

Section 8 - Exposure Controls / Personal Protection

National Exposure Standards:

Ingredient	Type	Value
Lincomycin hydrochloride	TWA	100µg/m ³
Spectinomycin sulfate tetrahydrate	TWA	2000µg/m ³

Biological Limit Values: No biological limit allocated.

Engineering Controls: Use only in well ventilated areas or outdoors.

Personal Protective Equipment:

Eye/face protection: Eye protection is not normally required under normal product. However, if in doubt, wear suitable protective glasses or goggles.

Skin protection: This product is not harmful and normal skin protection is not typically required. However, in general, we suggest that you avoid skin contact with all chemical products

and wear suitable gloves (preferably elbow length gloves) when skin contact is likely. Wash hands or other exposed areas after handling and use.

Respiratory protection: Respiratory protection equipment is recommended under conditions where dusts are likely to build up in an area where this product is being used.

Section 9 - Physical and Chemical Properties

Physical State:	Solid powder.
Boiling Point:	No data available
Vapour Pressure:	No data available
Odor:	No data available
Specific Gravity:	No data available

Section 10 - Stability and Reactivity

Stability: Product is stable under normal conditions of storage.

Reactivity: This product is unlikely to react or decompose under normal storage conditions.

Conditions to avoid: Contact with incompatible materials. Keep away from heat, sparks and open flame. Minimize dust generation and accumulation. Dust may form explosive mixture with air. Fine particles (such as dust and mists) may fuel fires/explosions.

Incompatible materials: Strong oxidizing agents, peroxides, phenols.

Hazardous Decomposition Products: Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Thermal decomposition products may include oxides of carbon, nitrogen, and sulfur. May include hydrogen chloride.

Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label.

ACUTE TOXICITY

Lincomycin hydrochloride:

Rat	Oral	LD50	> 4000 mg/kg
Rat	Para-periosteal	LD50	342 mg/kg
Mouse	Intravenous	LD50	214 mg/kg
Rat	Subcutaneous	LD50	9778 mg/kg

Spectinomycin sulfate tetrahydrate:

Rat	Oral	LD50	> 5000 mg/kg
Mouse	Other	LD50	3577 mg/kg
Mouse	Intravenous	LD50	1022 mg/kg

REPEATED DOSE TOXICITY

Lincomycin Hydrochloride

30 Day(s)	Rat	Oral	300 mg/kg/day	NOAEL	None identified
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3 Month(s)	Dog	Oral	400 mg/kg/day	LOAEL	None identified
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Spectinomycin sulfate tetrahydrate:

13 week(s)	Rat	Oral	400 mg/kg/day	NOAEL	None identified
90 day(s)	Dog	Oral	50 mg/kg/day	NOAEL	None identified
3 Month(s)	Dog	Oral	400 mg/kg/day	LOAEL	None identified

Reproduction & Developmental Toxicity

Lincomycin Hydrochloride

2 Generation Reproductive Toxicity: Rat-Oral 100 mg/kg/day LOAEL Fetotoxicity

Prenatal & Postnatal Development: Rat-Oral 100 mg/kg/day NOEL Not Teratogenic

Fertility and Embryonic Development: Rat- Subcutaneous 75mg/kg/day NOAEL No effects at maximum dose

Embryo / Fetal Development: Rat-Subcutaneous 300 mg/kg/day NOAEL Not Teratogenic

Peri-/Postnatal Development: Rat-Subcutaneous 30 mg/kg/day NOAEL No effects at maximum dose

Spectinomycin sulfate tetrahydrate:

Reproductive and Fertility: Rat-Oral 2000 mg/kg/day NOAEL Maternal toxicity, Paternal toxicity, Fetotoxicity

Reproductive and Fertility: Rat-Oral 400 mg/kg/day NOEL Maternal toxicity, Paternal toxicity, Fetotoxicity

Embryo / Fetal Development: Rat-Oral 1000 mg/kg/day NOAEL Maternal Toxicity

Embryo / Fetal Development: Rat-Oral 2000 mg/kg/day NOAEL Fetotoxicity

GENETIC TOXICITY

Lincomycin Hydrochloride

Bacterial Mutagenicity (Ames) *Salmonella* Negative

Mammalian Cell Mutagenicity Mouse Lymphoma Negative

In Vivo Micronucleus Rat Negative

Direct DNA Interaction Human Lymphocytes Negative

Spectinomycin sulfate tetrahydrate

Bacterial Mutagenicity (Ames) *Salmonella* Negative

In vitro DNA synthesis Rat hepatocyte Negative

In Vivo Micronucleus Mouse bone marrow Negative

Section 12 - Ecological Information

Potential Environmental Considerations: No environmental data exists for this product. However, avoid contamination of waterways.

Lincomycin Hydrochloride

EC50 Anabaena flos-aquae (Cyanobacteria) 0.03 mg/l, 72 Hours

	Daphnia magna (Water Flea)	> 900 mg/l, 48 Hours
LC50	Lepomis macrochirus (Bluegill Sunfish)	> 980 mg/l, 96 Hours
	Salmo gairdneri (Trout)	> 980 mg/l, 96 Hours

Spectinomycin Sulfate Tetrahydrate

EC50	Daphnia magna (Water Flea)	> 1000 mg/l, 48 Hours
	Selenastrum capricornutum (Green Alga)	1.18 mg/l, 72 Hours
LC50	Oncorhynchus mykiss (Rainbow Trout)	> 118 mg/l, 96 Hours

Section 13 - Disposal Considerations

Disposal

Shake container into medicated feed. Do not dispose of undiluted chemicals on-site. Break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Section 14 - Transport Information

No specific transport considerations apply since *LINCO-SPEC PREMIX* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

Section 15 - Regulatory Information

Poisons Schedule: S4

APVMA Approval Number: 86922

Approved pack size: 5kg, 20kg

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**

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