



MATERIAL DATA SAFETY SHEET

ABBEYLINC 800 ANTIBIOTIC SOLUBLE POWDER

SECTION 1 IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Product Name: ABBEYLINC 800 ANTIBIOTIC SOLUBLE POWDER

Other Names: None allocated

Appearance: A white to off-white free flowing powder

USE: FOR ANIMAL TREATMENT ONLY

For the treatment of swine dysentery caused by *Serpulina hyodysenteriae* in pigs.

Supplier Company Details: Abbey Laboratories Pty Ltd

Address: 25 Abuklea Rd, Epping NSW 2121

Telephone Number: 61(0)2 6452 4020

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

Police, Fire Brigade or Ambulance: 000

For Non-Emergency Assistance and General Information: 61 (0)2 8090 7187 (Business Hours Only).

Facsimile Number: 61(0)2 9475 0775

SECTION 2 HAZARDS IDENTIFICATION

Statement of Hazardous Nature: NON HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS according to criteria of NOHSC* Australia and ADG* Code

Poisons Schedule: S4

*NOHSC = National Occupational Health and safety Commission

*ADG= Australian Dangerous Goods code

SECTION 3 COMPOSITION

INGREDIENTS:

Chemical Name	CAS No.	Content (%w/v)
Lincomycin Hydrochloride	7179-49-9	100

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SECTION 4 FIRST AID MEASURES

Swallowed:

Rinse mouth with water ensuring that mouthwash is NOT swallowed. Contact a doctor or the Poisons Information Centre Ph. 13 11 26.

Eye:

Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Seek medical advice.

Skin:

Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Seek medical attention if irritation develops.

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, antihistamines) should be used as indicated.

SECTION 5 FIRE FIGHTING MEASURES

FLAMMABILITY:

Non flammable.

Suitable Extinguishing Media

Use water spray, foam, powder and carbon dioxide fire extinguishers appropriate to the surrounding area. Equipment should be thoroughly decontaminated after use.

Combustion Hazards

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Hazchem Code

None allocated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures

None applicable

Method of Containment and Clean Up Procedures

Clean up spills immediately. Use dry clean up procedures and avoid generating dust. Sweep or vacuum up and place spilled material in clean, dry, sealable, labelled container for waste disposal. After spills, wash area preventing runoff from entering drains. Avoid entry of product into drainage systems, rivers etc. If a significant quantity of material enters drains, advise emergency services. Dispose of empty containers in an approved landfill. Use suitable protective equipment. Keep unnecessary persons away.

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SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling

Limit all unnecessary personal contact. Avoid eye and skin contact. Do not smoke, eat or drink while handling or using the product. Avoid generating and breathing dust. Observe good personal hygiene by washing hands before and after use. Wear protective clothing when risk of exposure can occur. Containers should always be kept closed in storage and stored in original labeled container. Keep out of reach of children.

Conditions for Safe Storage

Store below 30°C (Room temperature) in a dry place and away from direct sunlight. Store in original container that is clearly labeled and free from leaks. No special ventilation is recommended under normal conditions of storage and use.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards

Exposure limits have not been established by NOHSC for any of the significant ingredients in this product.

The ADI for Lincomycin is set at 1mg/kg/day. The corresponding NOEL is set at 100mg/kg/day.

ADI means Acceptable Daily Intake and NOEL means no-observable-effect-level.

Values taken from Australian ADI List, Dec 2003.

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 not harmful and normal skin protection is not typically required. However we suggest that you routinely 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.

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Thermal hazards: Non flammable product. No special protective equipment is recommended.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White or off-white free flowing powder.
pH: 3.0 – 5.5 at 100g/L
Melting point: 145 - 147°C
Vapour Pressure: $< 5 \times 10^{-4}$ torr at 21 - 22°C
Flashpoint: Not applicable.
Solubility: Water soluble.

SECTION 10 STABILITY AND REACTIVITY

Chemical stability:

Stable under normal ambient and anticipated storage conditions of temperature and pressure.

Incompatible materials:

No particular incompatibilities.

SECTION 11 TOXICOLOGICAL INFORMATION

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS

ACUTE EFFECTS

Swallowed:

May cause nausea and vomiting.

Eye:

May cause eye irritation.

Skin:

May cause skin irritation and mild to severe allergic reactions in some individuals.

Inhaled:

May cause irritation to the respiratory passages and mild to severe allergic reactions in some individuals.

CHRONIC EFFECTS

Overexposure may cause skin, eye and upper respiratory tract irritation or allergic reactions. Repeated exposure to Lincomycin may cause abdominal cramps, diarrhoea and colitis. This may begin several weeks after exposure has ceased.

Hypersensitivity reactions such as angioedema, serum sickness and anaphylaxis have been reported from exposure to Lincomycin. Some of these people were known to be sensitive to Penicillin. Rare instances of erythema multiforme, some resembling Stevens-Johnson Syndrome, have been associated with Lincomycin.

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Animal toxicology:

Rat LD50 - oral 4000mg/kg
subcutaneous 9778mg/kg
intravenous 342mg/kg

Mouse LD50 - intraperitoneal 1000mg/kg
intravenous 214mg/kg

Note: This product is a registered veterinary chemical and must therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients has been submitted to health and environmental authorities and has been evaluated by expert toxicologists and environmental scientists.

SECTION 12 ECOLOGICAL INFORMATION

Biodegradability:

Lincomycin can be absorbed by soil but it is readily leached away from soils. Lincomycin is relatively mobile and migrates towards aquatic compartment but it should not accumulate in aquatic organisms. Small amounts in sent to sewerage will not adversely effect the abiotic flora of sewerage treatment facilities.

Persistence:

Lincomycin bioactivity is readily degraded in soil and urine faeces. The half-life of degradation is about 20days.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods

Clean up all spills immediately. Use dry clean up procedures and avoid generating dust. Sweep up or vacuum up and place spilled material in clean, dry, sealable, labelled container. Do not dispose into sewers or waterways, but rather dispose of product in an approved landfill. Dispose of empty containers in a commercial waste disposal site.

SECTION 14 TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: None allocated

Dangerous Goods Class and Subsidiary Risk: None allocated

Packaging Group Number: None allocated

Special Precautions for User: Store below 30°C (Room temperature) and away from direct sunlight.

Hazchem Code: None allocated.

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SECTION 15 REGULATORY INFORMATION

ABBEYLINC 800 ANTIBIOTIC SOLUBLE POWDER is classified as S4 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). All significant ingredients in this formulation can be found in the public Australian Inventory of Chemical Substances (AICS)

SECTION 16 OTHER INFORMATION

Company Contact Point: 61 (0) 2 6452 4020

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

Police, Fire Brigade or Ambulance: 000

New Zealand Poisons Information Centre: 0800 764 766 (24 hour service)

New Zealand Emergency Services: 111

This material data safety sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

As conditions of use are beyond the control of Abbey Laboratories Pty Ltd, no legal responsibility is accepted for the use of this information.

Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.