



TILMICABS INJECTION

Abbey Animal Health Pty Ltd SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: Unit 27, 1 Maitland Place Norwest NSW 2153

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

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

PRODUCT NAME

TILMICABS INJECTION

PRODUCT USE

For use in lot-fed cattle for the treatment of Bovine Respiratory Disease (BRD) associated with *Mannheimia (Pasteurella) haemolytica*, *Pasteurella multocida* and other organisms susceptible to Tilimicosin.

Section 2- Hazards Identification

Statement of Hazardous Nature: This product is classified as: Xn-Harmful, Xi-Irritant, N- Dangerous to the environment. Hazardous according to the criteria of SWA.

ADG Classification: None allocated. Not classified as a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Poisons Schedule: S4

GHS Classification:

Acute Toxicity Oral- Category 4

Serious eye damage/irritation- Category 2A

Respiratory sensitization- Category 1

Skin sensitization- Category 1

Specific target organ toxicity (repeated exposure)- Category 1

Hazardous to aquatic environment Long term- Category 1

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GHS signal word: DANGER

Pictograms:



HAZARD STATEMENT:

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H373: May cause damage to organs through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects.

PREVENTION

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

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

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

P280: Wear eye protection/ face protection/gloves.

P285: In case of inadequate ventilation wear respiratory protection.

RESPONSE

P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

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

P304 + P341: IF INHALED: If breathing is difficult, remove victim 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.

P314: Get medical advice/ attention if you feel unwell.

P330: Rinse mouth.

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/ physician.

P363: Wash contaminated clothing before reuse.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

Section 3- Composition / Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Tilmicosin phosphate	137330-13-3	30	not set	not set
Other non-hazardous ingredients	Secret	To 100	Not set	Not set

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.

Human Warnings: Not for human use. Tilmicabs Injection in humans has been associated with fatalities. Keep out of the reach of children. Do not use in automatically powered syringes. Exercise extreme caution to avoid accidental self-injection. In case of human injection, consult a physician immediately. Call a poison control centre immediately. Avoid contact with eyes.

Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. Call a physician or poison control centre immediately.

Skin Contact: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control centre immediately.

Ingestion: Call a physician or poison control centre immediately. Give several glasses of water. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Section 5- Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.

Extinguishing Media: In case of fire, use alcohol resistant foam, carbon dioxide, dry chemical, water fog. Do not use water jet as an extinguisher, as this will spread fire.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. Move containers from fire area if you can do so without risk.

Section 6 - Accidental Release Measures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern.

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Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Section 7 - Handling and Storage

Handling: Human Warnings: Not for human use. Tilmicabs Injection in humans has been associated with fatalities. Keep out of the reach of children. Do not use in automatically powered syringes. Exercise extreme caution to avoid accidental self-injection. In case of human injection, consult a physician immediately. Call a poison control centre immediately. Avoid contact with eyes.

Storage: Store below 30°C (Room Temperature). Protect from direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

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

The ADI for Tilmicosin is set at 0.002 mg/kg/day. The corresponding NOEL is set at 4 mg/kg/day.

ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2022.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Eye Protection: Wear chemical goggles. Use face shield in case of splash risk. (AS/NZS 1337)

Skin Protection: Wear appropriate chemical resistant gloves. (AS 2161).

Respiratory Protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the respirator. Select appropriate respirator for physical characteristics of material. Select respirator with appropriate protection factor. (AS/NZS 1715)

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Section 9 - Physical and Chemical Properties

Appearance:	Yellow to amber coloured liquid.
Odour:	Faint sweet odour.
Boiling Point:	Not available.
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Volatiles:	No specific data.
Vapour Pressure:	Not available.
Vapour Density:	No data.
Water Solubility:	No data.
Volatility:	Negligible at normal ambient temperatures.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	No data.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Contact with incompatible material.

Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition: Fire or excessive heat may produce hazardous decomposition products.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Acute Toxicity:

Tilmicosin phosphate

LD ₅₀	Dermal	Rabbit	>5000 mg/kg
LD ₅₀	Oral	Rat	855 mg/kg (fasted)
LC ₅₀	Inhalation	Rat	3800mg/L/4hr
LD ₅₀	Other	Rat	> 185 mg/kg Subcutaneous: coma, lethargy, incoordination, reduced activity.

Potential Health Effects:

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as skin rash or inflammation, and in some individuals this reaction can be severe. In addition product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 - Ecological Information

Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Tilmicosin is highly toxic to algae. Sludge from waste treatment ponds must be disposed of in approved landfills or contaminated wastes. This product may accumulate in soils. DO NOT spread effluent containing Tilmicosin on the same pastures or croplands in successive years. DO NOT allow wastes from pigs treated with Tilmicosin to enter waterways.

Section 13 - Disposal Considerations

Disposal

Dispose of empty container by wrapping with paper and putting in garbage. Discarded needles should immediately be placed in a designated and appropriately labelled "sharps" container.

Section 14 - Transport Information

No specific transport considerations apply since *TILMICABS INJECTION* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code by Road or Rail in Australia, in packages 500kg(L) or less; or IBCs.

Section 15 - Regulatory Information

Poisons Schedule: S4

APVMA Approval Number: 86875

Approved pack size: 100mL, 250mL

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.