



# Material Safety Data Sheet (MSDS)

## Product Name: Tylosin Tartrate

Catalogue Number: AS-2056

Date of Issue: 14 July 2025

Supplier: Ausamics Pty Ltd

Website: [www.ausamics.com.au](http://www.ausamics.com.au)

Email: [support@ausamics.com](mailto:support@ausamics.com)

Phone: +61 412 520 598

Emergency Contact: Poisons Information Centre – 13 11 26 (Australia)

## SECTION 1: Identification

- Product Name: Tylosin Tartrate
- Recommended Use: Laboratory chemical, research and development
- Supplier: Ausamics Pty Ltd
- Address: 31 Longview Court, Thomastown, VIC 3074, Australia
- Emergency Contact: Poisons Information Centre – 13 11 26 (Australia)
- Email: [support@ausamics.com](mailto:support@ausamics.com)

## SECTION 2: Hazard Identification

- Classification (GHS):
  - Respiratory Sensitization, Category 1
  - Skin Sensitization, Category 1
- Label Elements: DANGER
  - H317: May cause an allergic skin reaction
  - H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
  - P261: Avoid breathing dust/fume/gas/mist/vapors/spray
  - P280: Wear protective gloves/eye protection
  - P302+P352: IF ON SKIN: Wash with plenty of water
  - P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor
  - P501: Dispose of contents/container in accordance with local regulations



### SECTION 3: Composition / Information on Ingredients

- **Component:** Tylosin Tartrate
- **CAS No.:** 74610-55-2
- **Purity:** ≥95.4% (HPLC, Dry Basis)

### SECTION 4: First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse with water. Seek medical attention if irritation occurs.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical attention.

### SECTION 5: Firefighting Measures

- Suitable Extinguishing Media: CO<sub>2</sub>, dry chemical powder, foam
- Hazards: May produce toxic fumes under fire conditions
- Protective Equipment: Wear self-contained breathing apparatus and protective clothing

### SECTION 6: Accidental Release Measures

- Avoid inhalation and contact with skin and eyes.
- Ventilate area. Use appropriate PPE.
- Collect in suitable containers for disposal.
- Prevent release into sewers or water sources.

### SECTION 7: Handling and Storage

- **Handling:** Avoid contact with skin, eyes, and clothing. Use in well-ventilated area.
- **Storage:** Store in a cool, dry place away from light and incompatible substances.

### SECTION 8: Exposure Controls / Personal Protection

- Engineering Controls: Use local exhaust ventilation
- PPE: Gloves (nitrile), Safety goggles, Lab coat, Respiratory protection if dust is generated

### SECTION 9: Physical and Chemical Properties

- Appearance: White to light yellow powder
- Odor: Slight characteristic odor
- Solubility: Soluble in water
- Melting Point: Decomposes >200 °C
- Boiling Point: Not applicable
- Flash Point: Not available
- Stability: Stable under normal conditions

### SECTION 10: Stability and Reactivity

- Stability: Stable under recommended conditions



- Incompatible Materials: Strong oxidizing agents
- Hazardous Decomposition Products: CO, CO<sub>2</sub>, nitrogen oxides

### SECTION 11: Toxicological Information

- Acute Oral Toxicity (Rat): LD<sub>50</sub> ~5000 mg/kg
- Skin/Eye Irritation: May cause irritation or allergic reaction
- Inhalation: May cause respiratory sensitization
- Carcinogenicity: Not listed by IARC, NTP, or OSHA
- Target Organs: Respiratory tract, skin (in sensitized individuals)

### SECTION 12: Ecological Information

- Aquatic Toxicity: May be harmful to aquatic organisms
- Persistence/Degradability: Biodegradable under aerobic conditions
- Bioaccumulation: Low potential
- Precautions: Avoid release into the environment

### SECTION 13: Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations.
- Do not release into drains or the environment.

### SECTION 14: Transport Information

- UN Number: Not regulate
- Class: Not classified
- Packing Group: Not applicable
- Proper Shipping Name: Not applicable

### SECTION 15: Regulatory Information

- AICS/REACH: Check local compliance
- Hazard Symbols: Xn (Harmful), Xi (Irritant)

### SECTION 16: Other Information

- Intended Use: For laboratory and research use only.
- Not for drug, household, or veterinary use.
- Revision Date: 14 July 2025
- Prepared By: Ausamics Pty Ltd