


Section 1: Identification	
Common Name/Trade Name	TYLOSIN TARTRATE USP
Supplier Information	<p>Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693</p> <p>IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)</p>
Distributor Name	<p>Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au</p>
Product Synonym(s)	N/A
Relevant Use(s) of Product	Manufacture or Compounding of Substances

Section 2: Hazards Identification	
Classification of Substance or Mixture	Skin sensitization, Category 1, Respiratory sensitization, Category 1
Signal Word	Danger
Hazard Statement(s)	<p>H317 May cause an allergic skin reaction H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled</p>
Pictogram(s)	
Precautionary Statement(s)	<p>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/protective clothing/eye protection/face protection. P284 Wear respiratory protection. P302+P352 IF ON SKIN Wash with soap and water. P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. P333+P313 If skin irritation or a rash occurs Get medical advice/attention. P342+P315 If experiencing respiratory symptoms Get immediate medical advice/attention. P362 Take off contaminated clothing and wash before reuse.</p>
Hazards Not Otherwise Classified	Not classified
Ingredient(s) with Unknown Toxicity	N/A

Section 3: Composition/Information on Ingredients	
Chemical Name	Tylosin, (2R, 3R)-2, 3-dihydroxybutanedioate (salt)
Common Name	Tylosin Tartrate
CAS Number	1405-54-5
Impurities and/or Stabilizing Additives	N/A

Section 4: First Aid Measures	
General Advice	Remove victim from contaminated area. If there is a risk of unconsciousness, position and transport in a stable lateral position. Remove soiled or soaked clothing immediately.
If Inhaled	Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance and call a physician immediately.
In Case of Skin Contact	Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops.
In Case of Eye Contact	Flush eye immediately with large amounts of water or normal saline Occasionally lifting eyelids, until no evidence of chemical remains. Seek medical attention if eye irritation persists.
If Swallowed	Do not induce vomiting. Allow the victim to rinse his mouth and then to drink 2-4 cupfuls of water, and seek medical advice.
Most Important Symptoms and Effects	Not available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use water, dry chemical foam, chemical foam, or alcohol-resistant foam.
Special Hazards Arising From the Substance/Mixture	Emits toxic fumes under fire conditions.
Special PPE and/or Precautions for Firefighters	Wear suitable protective equipment. Fire-fighting equipment/instructions: Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear self-contained breathing apparatus, rubber boot and heavy rubber gloves.
Methods and Materials Used for Containment	Prevent spillage from spreading or entering waterways and underground drains. Work from upwind side of spill. Spread sawdust over spillage, sweep up and place in a suitable container. Avoid breathing the dust and absorption through skin. On completion of clean-up scrub area with detergent and water and rinse with water. Do not smoke, eat or drink during clean-up operations. Wear rubber or PVC boot, gloves and half-face respirator for clean-up operations.
Cleanup Procedures	Work from upwind side of spill. Spread sawdust over spillage, sweep up and place in a suitable container. Avoid breathing the dust and absorption through skin. On completion of clean-up scrub area with detergent and water and rinse with water. Do not smoke, eat or drink during clean-up operations. Wear rubber or PVC boot, gloves and half-face respirator for clean-up operations.

Section 7: Handling and Storage

Precautions for Safe Handling	Use suitable lifting and handling equipment when manual handling. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Do not eat, drink or smoke when handling.
Conditions for Safe Storage	Store in airtight container, protected from light.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No biological exposure limits noted for the ingredient(s).
Appropriate Engineering Controls	Product is not acutely toxic however repeated minor exposure may cause allergic disorders. Avoid contact with eyes, skin or clothing. Handle the product using a suitable dust extraction system to prevent the inhalation of dust generated during pouring. Ensure adequate ventilation during use. Do not inhale spray dust.
PPE - Eye/Face Protection	Chemical goggles or face shield.
PPE - Skin Protection	Wear overalls buttoned to the neck and wrist, boots, rubber gloves, washable hat, safety goggles and a half face respirator with dust cartridge of a dust mask.
PPE - Body Protection	Wear overalls buttoned to the neck and wrist, boots, rubber gloves, washable hat, safety goggles and a half face respirator with dust cartridge of a dust mask.
PPE - Respiratory Protection	Use an approved respirator.

Section 9: Physical and Chemical Properties

Appearance	Almost white or slightly yellow powder.
Upper/Lower Flammability or Explosive Limits	No data available.
Odor	Odorless
Vapor Pressure	No data available.
Odor Threshold	No data available.
Vapor Density	No data available.
pH	5.0 - 7.2
Relative Density	No data available.
Melting Point/Freezing Point	No data available.
Solubility	No data available.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available.
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Product is chemically stable.
Chemical Stability	Product is chemically stable.
Possibility of Hazardous Reactions	None
Conditions to Avoid	Avoid oxidizing agents and incompatible materials.
Incompatible Materials	None
Hazardous Decomposition Products	None

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - Rat > 6.200 mg/kg (Tylosin, (2R, 3R)-2, 3-dihydroxybutanedioate (salt)) TDL. Subcutaneous - Rat - 2.800 mg/kg (Tylosin, (2R, 3R)-2,3-dihydroxybutanedioate (salt)) Remarks: Dermatitis LD50 Intravenous - Rat - 695 mg/kg (Tylosin, (2R, 3R)-2,3-dihydroxybutanedioate (salt)) Remarks: Behavioral: Somnolence (general depressed activity). Behavioral: Convulsions or effect on seizure threshold.
Acute Toxicity - Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Acute Toxicity - Dermal	May cause an allergic skin reaction.
Acute Toxicity - Eye	Eye (rabbit): irritating
Skin Corrosion/Irritation	No data available. Skin (Rabbit): non-irritating
Serious Eye Damage/Irritation	No data available.
Respiratory or Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	No data available.
Carcinogenicity IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Carcinogenicity ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Carcinogenicity NTP	No data available.
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available.

Section 12: Ecological Information

Toxicity	No information on hazardous degradation products available. Do not allow product to enter drinking water supplies, waste water or soil. Very toxic to aquatic organisms.
Persistence and Degradability	No data is available on the degradability of this product.
Bio-accumulative Potential	Not available.
Mobility in Soil	Not available.
Other Adverse Effects	Not available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal in compliance with national/official regulations.
Waste Treatment Methods Packaging	No data available.
Special Precautions Landfill or Incinerations	No data available.
Other Information	No further data available.

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

Directive EU93/112/EC

Section 16: Other Information

Additional Information	N/A
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