


Section 1: Identification

Common Name/Trade Name	TOBRAMYCIN SULFATE USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	D-Streptamine, O-3-amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,6-trideoxy--D-ribo-hexopyranosyl-(1→4)]-2-deoxy-, sulfate (2:5) (salt). O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→4)-O-[2,6-diamino-2,3,6-trideoxy-α-D-ribo-hexopyranosyl-(1→6)]-2-deoxy-L-streptamine, sulfate (2:5) (salt)	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Inhalation (Category 4), Acute toxicity, dermal (Category 4), Reproductive toxicity (Category 1B)	
Signal Word	Danger	
Hazard Statement(s)	H312 Harmful in contact with skin H332 Harmful if inhaled H360 May damage fertility or the unborn child	
Pictogram(s)		
Precautionary Statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352+P312 IF ON SKIN Wash with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. P304+P340+P312 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. P308+P313 IF exposed or concerned Get medical advice/attention. P363 Wash contaminated clothing before reuse. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.	
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	See Additional Ingredient Information
Common Name	Tobramycin Sulfate
CAS Number	79645-27-5
Additional Ingredient Information	D-Streptamine, O-3-amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,6-trideoxy--D-ribo-hexopyranosyl-(1→4)]-2-deoxy-, sulfate (2:5) (salt). O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→4)-O-[2,6-diamino-2,3,6-trideoxy-α-D-ribo-hexopyranosyl-(1→6)]-2-deoxy-L-streptamine, sulfate (2:5) (salt)
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available.
If Inhaled	Remove from source of exposure. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Provide symptomatic/supportive care as necessary.
In Case of Skin Contact	Remove from source of exposure. In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical Attention. Provide symptomatic/supportive care as necessary. Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
In Case of Eye Contact	Check for and remove from source of exposure. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
If Swallowed	Remove from source of exposure. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. Provide symptomatic/supportive care as necessary.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Small fire: Use dry chemical powder. Large fire: Use water spray, fog or foam. Do not use water jet.
Special Hazards Arising From the Substance/Mixture	May be combustible at high temperature. Slightly flammable to flammable in presence of open flames and sparks, of heat. Products of Combustion: These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...).
Special PPE and/or Precautions for Firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eye.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	General Information: Use proper personal protective equipment as listed in 8.
Methods and Materials Used for Containment	Small Spill: Use appropriate tools to put the spilled material in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Cleanup Procedures	Small Spill: Use appropriate tools to put the spilled material in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.
Conditions for Safe Storage	Preserve in tight containers.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.
PPE - Eye/Face Protection	Splash goggles. Wear chemical safety goggles.
PPE - Skin Protection	Wear Compatible chemical-resistant protective gloves.
PPE - Body Protection	Lab coat. In case of a large spill: Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.
PPE - Respiratory Protection	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US). Dust respirator. Be sure to use an approved/certified respirator or equivalent. In case of a large spill, a self-contained breathing apparatus should be used to avoid inhalation of the product.

Section 9: Physical and Chemical Properties

Appearance	Physical State: Powder. Color: White or almost white
Upper/Lower Flammability or Explosive Limits	Not available.
Odor	Odorless
Vapor Pressure	Not available.
Odor Threshold	Not available.
Vapor Density	Not available.
pH	6.0-8.0
Relative Density	Not available.
Melting Point/Freezing Point	Not available.
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available.
Evaporation Rate	No data available
Flammability (Solid, Gas)	May be combustible at high temperature.
Partition Coefficient	No data available
Auto-Ignition Temperature	Not available.
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available.
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Reactive with oxidizing agents, acids.
Hazardous Decomposition Products	Will not occur.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 (Oral, Mouse): 10500 mg/kg. LD50 (subcutaneous, Rat): 1680 mg/kg
Acute Toxicity - Inhalation	LC50 (Inhalation, Rat): 6800 mg/m ³
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available.
Carcinogenicity ACGIH	No data available
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	Not available.
Persistence and Degradability	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations
Waste Treatment Methods Packaging	No data available
Special Precautions Landfill or Incinerations	No data available
Other Information	No 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

USA Regulations: TSCA Status: Not Listed, CERCLA Status: Not Listed, SARA 302 Status: Not Listed, SARA 313 Status: Not Listed. PROP 65 status: Developmental Toxicant RCRA status: Not Listed U.S. OSHA: Target Organ Toxin Classification: Possible Reproductive Toxin Possible Irritant

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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