

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)
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Toxic to Reproduction (Category 1B)	
Signal Word	Danger	
Hazard Statement(s)	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. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned Get medical advice/attention. 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	O-3-Amino-3-deoxy-a-D-glucopyranosyl-(1?4)-O-[2,6-diamino-2,3,6-trideoxy-a-D-ribo-hexopyranosyl-(1?6)]-2-deoxy-L-streptamine, sulfate (2:5) (salt)
Common Name	Tobramycin Sulfate
CAS Number	79645-27-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
In Case of Skin Contact	Wash with soap & water for 15 minutes. If irritation persists seek medical aid.
In Case of Eye Contact	Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.
If Swallowed	Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.
Most Important Symptoms and Effects	Not expected to present a significant hazard under anticipated conditions of normal use. Notes: May cause hearing loss, dizziness, vertigo, reversible nephrotoxic, renal impairment, tubular necrosis, interstitial nephritis, electrolyte disturbances, respiratory depression, muscular paralysis, hypersensitivity reactions, blood dyscrasias, pupura, nausea, vomiting, stomatitis, liver dysfunction, encephalopathy, confusion, lethargy, hallucinations, convulsions, mental depression, atrophy, fat necrosis, meningeal irritation, arachnoiditis, polyradiculitis, and ventriculitis.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Small fire: dry chemical, CO2 or water spray. Large fire: dry chemical, CO2, alcohol resistant foam or water spray. Do not get water inside containers.
Special Hazards Arising From the Substance/Mixture	Not applicable
Special PPE and/or Precautions for Firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Methods and Materials Used for Containment	On land, sweep or shovel into suitable containers. Minimize generation of dust.
Cleanup Procedures	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

Section 7: Handling and Storage

Precautions for Safe Handling	Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.
Conditions for Safe Storage	Preserve in tight containers.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Chemical Name/CAS: Tobramycin Sulfate/79645-27-5. OSHA PEL: TWA/Ceiling/Skin Designation: N/L, N/L, N/L. AIHA WEEL: 8hr TWA/Ceiling: N/L, N/L. Safe Work Australia HSI: TWA/STEL: N/L, N/L. Exposure Guidelines: Consult local authorities for provincial or state exposure limits.
Appropriate Engineering Controls	Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.
PPE - Eye/Face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
PPE - Skin Protection	Wear appropriate gloves to prevent skin exposure.
PPE - Body Protection	Wear appropriate protective clothing to minimize contact with skin.
PPE - Respiratory Protection	Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9: Physical and Chemical Properties

Appearance	Physical State: Solid. Description: A white or almost white crystalline 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	6.0-8.0
Relative Density	No data available
Melting Point/Freezing Point	549 °C, 1020.2 °F
Solubility	Easily soluble in cold water.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	May be combustible at high temperature.
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	Not established
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	Not established.
Conditions to Avoid	Moisture, sunlight and extreme temperatures.
Incompatible Materials	Strong oxidants, acids
Hazardous Decomposition Products	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	No data available
Acute Toxicity - Inhalation	No data available
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	Not evaluated.
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Not listed.
Carcinogenicity OSHA	Not listed.
Reproductive Toxicity	Presumed human reproductive toxicant.
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 data available. This product is not intended to be released into the environment.
Persistence and Degradability	No data available
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	Dispose of in accordance with federal/local laws and regulations. Avoid release to the environment.
Waste Treatment Methods Packaging	Dispose of in accordance with federal/local laws and regulations. Avoid release to the environment.
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

California Proposition 65: This product contains the following chemical known to the State of California to cause birth defects or other reproductive harm: Tobramycin Sulfate. CERCLA 40 CFR Part 302.4: N/L. SARA (Title III) 40 CFR Part 372.65: N/L. EPA 40 CFR Part 355 Appendix A and B: N/L. Pennsylvania, New Jersey, and Massachusetts Right-to-know: N/L. Australian Regulations: Poisons and Therapeutic Goods Regulation: N/L. Therapeutic Goods Act: N/L. Code of Practices-Illicit Drug Precursors: N/L.

Section 16: Other Information

Additional Information	N/A
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