


## Section 1: Identification

<b>Common Name/Trade Name</b>	GENTAMICIN SULFATE	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>	
<b>Product Synonym(s)</b>	Gentamicin C complex sulfate	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Respiratory sensitization (Category 1), Skin sensitization (Category 1), Reproductive Toxicity (Category 2)	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H317 H334 H361d	May cause an allergic skin reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled Suspected of damaging the unborn child
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 P261 P280 P285 P302+P352 P304+P341 P308+P313 P333+P313 P342+P311 P363 P405 P501	Obtain special instructions before use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. IF ON SKIN Wash with soap and water. IF INHALED If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned Get medical advice/attention. If skin irritation or a rash occurs Get medical advice/attention. If experiencing respiratory symptoms Call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	Gentamicin, sulfate (salt)
<b>Common Name</b>	Gentamicin sulfate
<b>CAS Number</b>	1405-41-0
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	In case of persisting adverse effects, consult a physician.
<b>If Inhaled</b>	In the event of symptoms take medical treatment. Ensure supply of fresh air.
<b>In Case of Skin Contact</b>	In case of contact with skin wash off immediately with soap and water.
<b>In Case of Eye Contact</b>	In case of contact with eyes rinse thoroughly with water.

<b>If Swallowed</b>	Induce vomiting if patient is conscious, seek medical advice. Rinse out mouth and give plenty of water to drink.
<b>Most Important Symptoms and Effects</b>	No data available
<b>Section 5: Fire Fighting Measures</b>	
<b>Suitable Extinguishing Media</b>	Suitable extinguishing media: Water spray, dry powder, carbon dioxide. Unsuitable extinguishing media: Do not use a heavy water stream. Surrounding fires: Use water spray or fog for cooling exposed containers.
<b>Special Hazards Arising From the Substance/Mixture</b>	Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.
<b>Special PPE and/or Precautions for Firefighters</b>	Do not enter fire area without proper protective equipment, including respiratory protection.

<b>Section 6: Accidental Release Measures</b>	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Evacuate area. Minimize contact with spilled material, keep other personnel away from the clean up area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
<b>Methods and Materials Used for Containment</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.
<b>Cleanup Procedures</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

<b>Section 7: Handling and Storage</b>	
<b>Precautions for Safe Handling</b>	Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
<b>Conditions for Safe Storage</b>	Keep only in the original container, and keep the container tightly closed and resistant, away from moisture and sunlight.

<b>Section 8: Exposure Controls/Personal Protection</b>	
<b>Components with Workplace Control Parameters</b>	No data available.
<b>Appropriate Engineering Controls</b>	Provide adequate local exhaust ventilation. Avoid unnecessary exposure. Persons exposed to this material should take steps to avoid skin or eye contact, swallowing or inhalation of product. After handling material, wash thoroughly before leaving work or eating food.
<b>PPE - Eye/Face Protection</b>	Safety goggles.
<b>PPE - Skin Protection</b>	Lab coat or uniform Gloves- latex
<b>PPE - Body Protection</b>	Lab coat or uniform. Gloves-latex
<b>PPE - Respiratory Protection</b>	A minimum of a NIOSH half- face piece respirator with HEPA cartridges. A full-face piece respirator may be substituted for eye protection.

<b>Section 9: Physical and Chemical Properties</b>	
<b>Appearance</b>	A white or almost white powder.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	3.5-5.5
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	Melting point: 218-237
<b>Solubility</b>	Freely soluble in water, practically insoluble in alcohol and in ether.
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available

Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
<b>Section 10: Stability and Reactivity</b>	
Reactivity	No data available
Chemical Stability	Stable.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Moisture (it is hygroscopic).
Incompatible Materials	None known.
Hazardous Decomposition Products	Oxides of nitrogen and sulfur. Hazardous polymerization will not occur.

<b>Section 11: Toxicological Information</b>	
Acute Toxicity - LD50 Oral	Oral LD50 (rats) = 630 mg/kg Estimated inhalation LC50 (rats) = Greater than 0.2mg/l LD50 (rats), IV = 96 mg/kg LD50 (rats), IM = 384 mg/kg
Acute Toxicity - Inhalation	May produce severe reaction in persons allergic or sensitized to Gentamicin sulfate or other aminoglycoside antibiotics. The exposure of Gentamicin sulfate to individuals already using potent diuretics should be avoided.
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	May produce severe reaction in persons allergic or sensitized to Gentamicin sulfate or other aminoglycoside antibiotics. The exposure of Gentamicin sulfate to individuals already using potent diuretics should be avoided.
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 data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	Aminoglycosides are associated with significant nephrotoxicity (kidney damage) and neurotoxicity, the latter manifested by ototoxicity (ear damage), numbness, and convulsions. Aminoglycoside can cause fetal harm since they can cross the placenta. Animal reproduction studies did not reveal evidence of impaired fertility or harm to the fetus due to Gentamicin sulfate. It is not known, however, whether fetal harm or effects on the reproductive capacity can be caused by exposure to Gentamicin sulfate by pregnant women.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

<b>Section 12: Ecological Information</b>	
Toxicity	Do not discharge product unmonitored into the environment. Ecological data are not available.
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

<b>Section 13: Disposal Considerations</b>	
Waste Treatment Methods Product	While not hazardous waste, material should be disposed in an environmentally sound manner. Incineration in an approved facility is the preferred disposal method.
Waste Treatment Methods Packaging	No data available
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

## Section 14: Transport Information

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

## Section 15: Regulatory Information

This data sheet complies with the requirements of Regulation (EC) No. 1907/2006

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	10/29/2021 16:52

### Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.