


## Section 1: Identification

<b>Common Name/Trade Name</b>	NEOMYCIN SULFATE USP	
<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>Product Synonym(s)</b>	Neomycin B sulfate	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2B), Sensitization, Skin (Category 1), Reproductive toxicity (Category 1)	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H315 H317 H320 H360	Causes skin irritation May cause an allergic skin reaction Causes eye irritation May damage fertility or the unborn child
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 P202 P264 P272 P280 P302+P352 P305+P351+P338 P308+P313 P333+P313 P337+P313 P362 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. IF exposed or concerned Get medical advice/attention. If skin irritation or a rash occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash 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>	Neomycin B sulfate
<b>Common Name</b>	Neomycin Sulfate
<b>CAS Number</b>	1405-10-3
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from an occupational health physician or other licensed health-care provider familiar with workplace chemical exposures. In the United States, the national poison control number is 1-800-222-1222. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen if available. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention.
<b>If Inhaled</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>In Case of Skin Contact</b>	Remove contaminated clothing. Wash off with soap and plenty of water. Rinse skin with water/shower. For minor skin contact, avoid spreading material on unaffected skin. Get medical attention if irritation develops and persists. If skin irritation or rash occurs: Get medical advice/attention.
<b>In Case of Eye Contact</b>	Rinse cautiously with water for several minutes. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>If Swallowed</b>	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most Important Symptoms and Effects</b>	May cause allergic skin reaction. Irritation of eyes, skin, an mucous membranes. Treatment of aminoglycoside overdose is symptomatic and supportive and may include: Administer activated charcoal as a slurry. For mild/moderate allergic reactions, administer antihistamines with or without inhaled beta agonists, corticosteroids or epinephrine; for severe reactions add aggressive airway management, oxygen, ECG monitoring, and intravenous fluids. Maintain urine output with IV fluids in patients with normal renal function. Consider dialysis in patients with renal failure. Complexation with intravenous ticarcillin may be effective. (Meditext)

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Use fire-extinguishing media appropriate for surrounding materials. Water. Foam. Dry chemical or CO2.
<b>Special Hazards Arising From the Substance/Mixture</b>	No unusual fire or explosion hazards noted.
<b>Special PPE and/or Precautions for Firefighters</b>	Wear suitable protective equipment.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment.
<b>Methods and Materials Used for Containment</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of SDS. Clean surface thoroughly to remove residual contamination.
<b>Cleanup Procedures</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of SDS. Clean surface thoroughly to remove residual contamination.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	As a general rule, when handling chemicals, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly.
<b>Conditions for Safe Storage</b>	Store in a tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Material: Neomycin Sulfate (CAS 1405-10-3) Type: TWA Value 1000 micrograms/m3
<b>Appropriate Engineering Controls</b>	Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intend for use with highly potent materials should be assessed by use of nontoxic surrogate materials. Local exhaust ventilation such as laboratory fume hood or other vented enclosure is recommended, particularly for grinding, crushing, weighing, or other dust-generating procedures.
<b>PPE - Eye/Face Protection</b>	Safety glasses with sideshields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g. bearing the ANSI Z87 or CSA Stamp) is preferred. Maintain eyewash facilities in the work area.
<b>PPE - Skin Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
<b>PPE - Body Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination.
<b>PPE - Respiratory Protection</b>	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Form: Solid, Powder Colour: White to slightly yellow powder
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Odorless or almost odorless
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	5 - 7.5 (3.3% aqueous solution)
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	No data available
<b>Solubility</b>	Solubility in water Freely soluble
<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
<b>Partition Coefficient</b>	< -2
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No reactivity hazards known.
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	Acids
<b>Hazardous Decomposition Products</b>	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions. SOx. NOx.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	LD50 Oral Mouse 2880 mg/kg Rat 2750 mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	Causes eye irritation.
<b>Skin Corrosion/Irritation</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Causes eye irritation
<b>Respiratory or Skin Sensitization</b>	Due to lack of data the classification is not possible. May cause an allergic skin reaction.
<b>Germ Cell Mutagenicity</b>	Data from germ cell mutagenicity tests were not found. Due to lack of data the classification is not possible.
<b>Carcinogenicity IARC</b>	This material is not considered to be carcinogen by IARC.
<b>Carcinogenicity ACGIH</b>	This product is not considered to be carcinogen by ACGIH.
<b>Carcinogenicity NTP</b>	This product is not considered to be carcinogen by NTP.
<b>Carcinogenicity OSHA</b>	This product is not considered to be carcinogen by OSHA.
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child. Therapeutic use of aminoglycosides during pregnancy has been reported to cause kidney damage and deafness in the human fetus.
<b>Specific Target Organ Toxicity - Single Exposure</b>	Due to lack of data the classification is not possible.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Due to lack of data the classification is not possible.
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.

## Section 12: Ecological Information

<b>Toxicity</b>	Contains a substance which causes risk of hazardous effects to the environment.
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
<b>Waste Treatment Methods Packaging</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed on in a safe manner (see Disposal instructions). Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	Not regulated as a hazardous material by DOT.
<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

US federal regulations CERCLA/SARA Hazardous Substances - Not applicable. All components are on the U.S. EPA TSCA Inventory List. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No SARA 302 Extremely hazardous substance: No SARA 311/312 Hazardous chemical: No Other federal regulations Safe Drinking Water Act (SDWA) Not regulated. Food and Drug Administration (FDA) Not regulated. US state regulations WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Lisa Russell
<b>Revision Date</b>	01/10/2019 12:16

### Disclaimer

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