

Safety Data Sheet


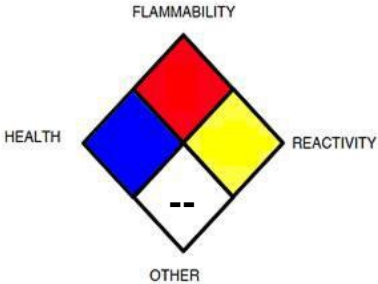
Section 1: Product & Company Identification

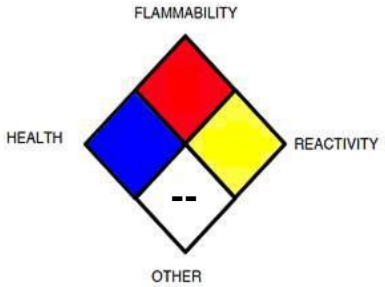
Product Name:	Neomycin C Sulfate
Product #:	N-1055
Synonyms:	Dekamycin II
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS #	EC #	% Composition
Neomycin C Sulfate	66-86-4	-	

Section 3: Hazards Identification

Symbols	
HMIS Classification	<p>FLAMMABILITY</p>  <p>HEALTH REACTIVITY</p> <p>OTHER</p>

NFPA Classification	
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Section 4: First Aid Measures

General Overview:	Consult a doctor/physician if exposed - additional medical care may be required. Show this Safety Data Sheet to the medical provider.
Inhalation:	If inhaled, move to fresh air. If not breathing, give artificial respiration and immediately call local emergency telephone number.
Skin:	Wash skin thoroughly with soap and water.
Eyes:	Flush eye with water. After initial flush, remove any contact lenses and continue flushing for at least 15 minutes.
Ingestion:	Rinse mouth with water. Immediately call a doctor, physician, or poison control center. Never give anything by mouth to an unconscious person.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Water spray, alcohol-resistant foam, dry chemical, carbon dioxide
Hazardous thermal (de)composition products:	Formed under fire conditions: carbon and nitrogen oxides, carbon monoxide, sulfur dioxide
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus
Flash Point:	No data available

Section 6: Accidental Release Measures




Personal Precautions:	Evacuate personnel to a safe location. Use appropriate personal protective equipment while in contact with product. Avoid dust formation. Ensure adequate ventilation. Prevent contamination of skin, eyes and clothing with appropriate protective equipment (Section 8). Wear respiratory protection.
Environmental Precautions:	Do not let product enter drains.


Methods for Clean-up:	Recover waste, if possible, and place in suitable closed container for licensed disposal. Prevent spillage - do not let product enter drains.
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SECTION 7: Handling & Storage

Storage:	Store in a tightly closed container. Protect from humidity. Recommended storage temperature: -20°C.
Handling:	Wear appropriate protective clothing/gear to prevent contact with skin and eyes. Provide exhaust ventilation or respiratory protection in areas where dust is formed.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>Where risk assessment shows air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p>
Skin and Body:	  <p>Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices, and wash and dry hands. Handle with gloves. Wear protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the workplace. When deemed needed according to the concentration and amount of this product, use a complete body suit.</p>

Eyes:	 <p>Use a face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).</p>
Ventilation/Engineering Measures:	Ensure adequate ventilation.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	N/A

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	White powder
Formula	$C_{23}H_{46}N_6O_{13} \cdot xH_2SO_4$ (lot specific)
Molecular Wt.	614.64 (Free base)
pH:	5.7 - 7.5
Melting Pt.	No data available
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	No data available
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	No data available
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions
Hazardous decomposition products:	Formed under fire conditions: carbon and nitrogen oxides, carbon monoxide, sulfur dioxide
Materials to Avoid:	Strong oxidizing agents
Conditions to avoid:	No data available

SECTION 11: Toxicological Information

RTECS#:	N/A
ACUTE Toxicity:	LD50 Intraperitoneal = 116 mg/kg (Mouse) LD50 Intravenous = 44 mg/kg (Mouse) LD50 Subcutaneous = 290 mg/kg (Mouse)
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	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. AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA. EPA: No classification on carcinogenic data is available from EPA

SECTION 12: Ecological Information

Ecotoxicity:	No data available
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Dispose unused/spoiled product in accordance with local and federal regulations. Sewering is not an acceptable form of waste disposal. Dispose of product through a licensed disposal company.
Contaminated Packaging:	Dispose of as unused product.

SECTION 14: Transportation Information

UN ID#:	N/A
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ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated
IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	<p>Danger!</p> <p>H317 May cause an allergic skin reaction</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled</p>
Risk Phrases:	<p>P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection</p>
Safety Phrases:	<p>P302 + P352 IF ON SKIN: Wash with plenty of water/soap</p> <p>P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.</p> <p>P321 Specific treatment, see applicable response statements on this label</p> <p>P362 + P364 Take off contaminated clothing and wash it before reuse</p> <p>P284 In case of inadequate ventilation wear respiratory protection</p> <p>P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P342 + P311 If experiencing respiratory symptoms: call a POISON CENTER or DOCTOR.</p> <p>P501 Dispose of contents/container in accordance with governmental regulation.</p>
EU Regulations:	N/A
US Regulations:	<p>TSCA: Not listed</p> <p>California Proposition 65: No products were found</p>
U.S. Federal Regulations:	<p>SARA 302/304 emergency planning and notification: No products were found.</p> <p>SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found.</p> <p>SARA 313 toxic chemicals notification and release reporting: No products were found.</p> <p>Clean Water Act (CWA) 307: No products were found.</p> <p>Clean Water Act (CWA) 311: No products were found.</p> <p>Clean Air Act (CAA) 112 accidental release prevention: No products were found.</p> <p>Clean Air Act (CAA) 112 regulated flammable substances: No products were found.</p> <p>Clean Air Act (CAA) 112 regulated toxic substances: No products were found.</p>



	OSHA: Skin sensitizer (Cat. 1); Respiratory sensitizer (Cat. 1)
WHMIS (Canada):	N/A

SECTION 16: Other Information

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