

## **Material Safety Data Sheet**

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### **G418 Solution (50 mg/mL)**

**Catalog # 400-113**

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#### **Section I: Product Identification**

**Product Name:**

G418 Solution (50 mg/mL)

**Catalog Number:**

400-113

#### **Section II: Composition/Ingredients**

G418 sulfate

#### **Section III: Health Hazard Data**

**Hazardous Components:**

Use caution.

**Toxicity:**

Use caution. Do not swallow or inhale product. Do not use product near food or drink or while smoking.

**Target Organs/Systems:**

Ears. Kidneys. Avoid contact with skin and eyes. May irritate the respiratory tract.

**Effects of Overexposure:**

Aminoglycosides are associated with significant nephrotoxicity and/or ototoxicity.

**First Aid Procedures:**

If product gets into eyes, open eyelids with fingers and flush eyes with copious amounts of water for at least 15 minutes. If product gets on skin, wash the skin with soap and copious amounts of water for at least 15 minutes. If swallowed and person is conscious, rinse mouth with water, consult a health care provider. If product is inhaled, get to fresh air. If there is any difficulty in breathing, seek medical attention. If there is any irritation, consult a health care provider.

## Section IV: Physical Data

**Appearance:**

Clear liquid

**Density:**

N/A

**Boiling Point:**

N/A

**Specific Gravity:**

N/A

**Vapor Density:**

N/A

**Vapor Pressure:**

N/A

**Evaporation rate:**

N/A

**H<sub>2</sub>O Solubility:**

N/A

## Section V: Reactivity Data

**Stability:**

Stable.

**Conditions or Materials to Avoid:**

Strong oxidizing agents.

**Hazardous Polymerization:**

To our knowledge, will not occur.

## Section VI: Fire & Explosion Hazard Data

**Flammability:**

Nonflammable

**Flash Point:**

N/A

**Flammable Limits:**

N/A

**Extinguishing Media:**

Use appropriate media for the surrounding fire. Carbon dioxide, dry chemical powder, appropriate foam or water spray

**Hazardous Combustion or Decomposition Products:**

Nitrogen oxides, carbon oxides, sulphur oxides.

**Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing.

## **Section VII: Spill or Leak Procedures**

### **In the event of a spill or leak:**

Wear suitable protective clothing including a dust mask or self contained respirator, rubber boots, chemical resistant rubber/latex gloves and goggles. Put into a closed container for waste disposal. Ventilate area. Clean spill area thoroughly after material is picked up. Contact a licensed professional waste disposal service to dispose of this material.

### **Disposal:**

Abide by all local, state and federal regulations regarding waste disposal.

## **Section VIII: Handling & Storage Precautions**

### **Handling:**

Avoid inhalation, contact with clothing, skin and eyes. Avoid repeated or prolonged exposure. Mechanical exhaust required. Wear appropriate approved respirator.

### **Eye/Skin Protection:**

Wear suitable protective clothing, safety glasses with side shields and latex/rubber gloves are recommended.

### **Storage:**

Store refrigerated at 2 to 8°C

## **Section IX: Special Precautions & Comments**

### **Intended Use for Product:**

For laboratory research use only. Not intended for human, clinical or diagnostic use.

## **Section X: Disclaimer**

*The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Gemini Bio-Products shall not be held liable for any damage resulting from handling or from contact with the above product.*