



## ***Material Safety Data Sheet***

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### **NeuroPlex™ Serum-Free Neuronal Medium Catalog #600-300**

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

**Product Name:**

NeuroPlex™ Serum-Free Neuronal Medium

**Catalog Number:**

600-300

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

Glycine	Sodium Pyruvate
L-Alanine	Niacinamide
L-Arginine hydrochloride	Pyridoxine hydrochloride
L-Asparagine-H <sub>2</sub> O	Riboflavin
L-Cysteine	Thiamine hydrochloride
L-Histidine hydrochloride-H <sub>2</sub> O	Vitamin B12
L-Isoleucine	i-Inositol
L-Leucine	Calcium Chloride (CaCl <sub>2</sub> ) (anhyd.)
L-Lysine hydrochloride	Ferric Nitrate (Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O)
L-Methionine	Magnesium Chloride (anhydrous)
L-Phenylalanine	Potassium Chloride (KCl)
L-Proline	Sodium Bicarbonate (NaHCO <sub>3</sub> )
L-Serine	Sodium Chloride (NaCl)
L-Threonine	Sodium Phosphate monobasic (NaH <sub>2</sub> PO <sub>4</sub> H <sub>2</sub> O)
L-Tryptophan	Zinc sulfate (ZnSO <sub>4</sub> ·7H <sub>2</sub> O)
L-Tyrosine	D-Glucose (Dextrose)
L-Valine	HEPES
Choline chloride	Phenol Red
D-Calcium pantothenate	
Folic Acid	

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

**Hazardous Components:**

N/A

**Toxicity:**

N/A

**Target Organs/Systems:**

Not established

**Effects of Overexposure:**

Not Established

**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. Remove contaminated clothing. If swallowed and person is conscious, rinse mouth with water, consult a health care provider. If product is inhaled, remove 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:**

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:**

N/A

**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:**

N/A

### **Special Fire Fighting Procedures:**

Self-contained breathing apparatus and protective clothing may be required.

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

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

Wear suitable protective clothing including a self contained respirator, rubber boots, chemical resistant/rubber/latex gloves. Use absorbent material such as vermiculite or sand to absorb spill. Put into a closed container for waste disposal. Ventilate area after clean up. Contact a licensed professional waste disposal service to dispose of this material.

### **Disposal:**

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

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

### **Handling:**

Avoid inhalation, contact with clothing, skin and eyes. Avoid repeated or prolonged exposure. Handle as though capable of transmitting infectious agents.

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

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

### **Storage:**

Store refrigerated at 2 to 8 °C

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

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

For laboratory R&D use only. Not for human 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.