



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

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### **Vivify 1X™ Complete Cell Freezing Medium Catalog # 600-100**

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

**Product Name:**

Vivify 1X™ Complete Cell Freezing Medium

**Catalog Number:**

600-100

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

Bovine Serum

D-MEM

DMSO

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

**Hazardous Components:**

Dimethyl Sulfoxide (DMSO)

**Toxicity:**

Not Established

**Target Organs/Systems:**

Product could possibly irritate the skin, eyes and respiratory system. Do not ingest this product.

**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. 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:**

Light reddish-brown translucent 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:**

No known hazardous products

**Special Fire Fighting Procedures:**

None. Although as in any fire, 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 chemical resistant latex gloves. Use absorbent material such as vermiculite or sand to absorb spill. Put into a closed container for waste disposal. Clean spill area thoroughly. 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 contact with clothing, skin, and eyes Avoid inhalation (breathing vapors). Avoid repeated or prolonged exposure. Avoid contact with solutions containing DMSO and either toxic substances or materials with unknown toxicity. DMSO is readily absorbed through the skin and may carry these materials into the body.

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

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

### **Storage:**

Store frozen at -20 to -10 °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.*