

## SAFETY DATA SHEET

Date: Nov 2021

### 1. PRODUCT INFORMATION

#### 1.1 Product name:

PGmatrix-hiPSC™ Research Kit

#### 1.2 Product ID:

PGDhPS-002, PGDhPS-006, PGDhPS-010, PGDhPS-020.

PGworks, PGgrow-hiPSC

#### 1.3 Supplier of the safety data sheet:

Company: PepGel LLC  
1980 Kimball Ave  
Manhattan, KS 66506  
Phone: 785-226-6917  
Fax: 785-532-7193  
Email: [info@pepgel.com](mailto:info@pepgel.com)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

#### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Synthetic peptides molecular weight: 500 - 3,500 g/mol

Less than 0.1% inorganic salts (i.e. Calcium, Magnesium, Sodium, and Potassium)

No ingredients are hazardous according to OSHA criteria

No components need to be disclosed according to the applicable regulations

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### If inhaled

If breathed in, move the person into fresh air. If not breathing, give artificial respiration.

##### In case of skin contact

Wash off with soap and plenty of water

#### **In case of eye contact**

Flush eyes with water as a precaution

#### **If swallowed**

Never giving anything by mouth to an unconscious person. Rinse mouth with water.

#### **4.2 Indication of any immediate medical attention and special treatment needed**

No data available

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

#### **5.2 Special hazards arising from the substance or mixture**

Nature of decomposition product not known.

#### **5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

#### **5.4 Further information**

No data available

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation, avoid breathing vapours, mist or gas

#### **6.2 Environmental precautions**

Do not let product enter drains

#### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

There is no known problems with this material relate to handling at room temperature.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facility.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well ventilated place.

Recommended storage temperature: 4 °C

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Appropriate engineering controls**

General industrial hygiene practice

#### **8.2 Personal protective equipment**

Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, chemical safety goggles, other protective clothing.

## 9. PHYSICAL/CHEMICAL PROPERTIES

### 9.1 Appearance:

Clear liquid

### 9.2 Physical state:

Liquid

### 9.3 pH:

Neutral (6.5-8.5 at room temperature)

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity:

No data available

### 10.2 Chemical stability:

Stable under recommended storage conditions

### 10.3 Hazardous decomposition product:

No data available

### 10.4 Possibility of hazardous reactions:

No data available

## 11. TOXICOLOGICAL INFORMATION

The toxicological properties of this material has been tested with SC injection of mice model. There is no toxicological problems have been found. It is unlikely that there will be any toxicological problem of this material. However, appropriate precautions should be taken.

### 11.1 Routes of exposure:

Harm caused by inhalation, ingestion, or skin absorption is undetermined

### 11.2 Conditions aggravated by exposure:

The toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Observe all federal, state, and local environmental regulations

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods



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PepGel LLC, 1980 Kimball Ave, Manhattan, KS 66506  
Phone: 785-226-6917 | Email: info@pepgel.com | Web: www.pepgel.com

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15. REGULATORY INFORMATION**

Questions regarding to this material should be directed to PepGel  
info@pepgel.com

Phone: 785-532-2424    Fax: 785-532-7193

Address: 1980 Kimball Ave  
          Manhattan, KS 66506  
          USA

**16. OTHER INFORMATION**

**Disclaimer:** For R&D use only. Not for drug, household, or other uses.

**Warranty:** The above information is believed to be correct but doesn't purport to be all inclusive and shall be used only as a guide. PepGel LLC shall not be held liable for any damage resulting from handling or from contact with the above product.