



PepGel LLC, 101 BIVAP Innovation Center, 1980 Kimball Ave, Manhattan, KS 66506
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SAFETY DATA SHEET

Date: March 2023

1. PRODUCT INFORMATION

1.1 Product name:

hiPSC-qualified PGmatrix™ Kit (PG-hPS); PGmatrix™3D-Suspension-hiPSC Kit (PG-3DSUSP-hPSC6); PGmatrix™-LiveShip-hiPSC Kit (PG-LS-hPS), PGmatrix™-BioInk-hiPSC Kit (PG-ink-hPS), Lyophilized PGgrow-hiPSC (PGGR-hPS-LY), PGworks

1.2 Product ID:

PG-hPS, PG-3DSUSP-hPS6, PG-LS-hPS, PG-ink-hPS, PGGR-hPS-LY, PGworks

1.3 Supplier of the safety data sheet:

Company: PepGel LLC
101 BIVAP Innovation Center
1980 Kimball Ave
Manhattan, KS 66506
Phone: 785-226-6917
Fax: 785-532-7193
Email: info@pepgel.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

2.2 GHS (Globally Harmonized System) 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 and synthetic chemicals.

Less than 0.2% proteins

No ingredients are hazardous according to OSHA (Occupational Safety and Health Administration) criteria

No components need to be disclosed according to the applicable regulations

BSE/TSE The products comply with the requirements of Note for Guidance on Minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary

Medicinal Products (EMEA/410/01 Rev 3). This statement is accurate because: a) The components of these products are not manufactured from and do not come into contact with material of animal origin, and/or b) Any animal-derived material used in the manufacture of these products has been processed per the specific conditions of section 6.4 of EMEA/410/01 Rev 3.

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 vapors, 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 related 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 or -20C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Appropriate engineering controls

General industrial hygiene practice

8.2 Personal protective equipment

Wear appropriate NIOSH/MSHA (National Institute for Occupational Safety and Health/Mine Safety and Health Administration)-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 and or powder

9.3 pH:

Neutral (7.5-8.7 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 subcutaneous injection of mice model. There is no toxicological problems have been found. It is unlikely that there will



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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 (Department of Transportation) (US)

Not dangerous goods

IMDG (International Maritime Dangerous Goods)

Not dangerous goods

IATA (International Air Transport Association)

Not dangerous goods

15. REGULATORY INFORMATION

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

Phone: 785-226-6917 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.



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