

SDS – Gems Vitrification Set

Document code: CRTS5

Revision: 08

Revision date: 28 Feb 2024



1. Identification of Material & Supplier

1.1. Product:	Gems Vitrification Set
1.2. UN shipping Allocation:	None
1.3. Recommended Use:	IVF procedures
1.4. Supplier:	Genea Biomedx
1.5. A.B.N.	47 107 185 651
1.6. Address:	2/321 Kent Street, Sydney, NSW 2000, Australia
1.7. Telephone Number:	+61 2 8228 2719
1.8. Emergency Telephone Numbers:	+61 2 8228 2719

2. Hazards Identification

2.1. Hazards Classification:	Non-hazardous substance
2.2. GHS Classification:	N/A
2.3. Hazard Statements:	H302 Harmful if swallowed
2.4. Prevention Statements:	P103 Read Label before use P264 Wash hands thoroughly after handling P281: Use personal protective equipment as required
2.5. Response Statements:	P101: If medical advice is needed, have product container at hand
2.6. Storage Statements:	P411: Store at temperatures not exceeding 8°C
2.7. Disposal Statements:	None

3. Composition / Information On Ingredients

In accordance with REACH only substance representing more than 1% weight or volume are represented in the composition of the product, or those components which are considered notable for the end user.

Solution 1

Chemical Name	CAS Number	Proportion %
Human Serum Albumin	70024-90-7	1.8
Ethylene Glycol	107-21-1	8.7

Solution 2

Chemical Name	CAS Number	Proportion %
Trehalose	6138-23-4	25.7
Human Serum Albumin	70024-90-7	1.6
Ethylene Glycol	107-21-1	19.1

Solution 3

Chemical Name	CAS Number	Proportion %
Dimethyl sulfoxide	67-68-5	100

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4. First Aid Measures

- 4.1. Ingestion: Seek Medical advice. Do not induce vomiting
- 4.2. Eye: Irrigate with running water. Seek medical advice
- 4.3. Skin: Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop obtain medical attention.
- 4.4. Inhalation: Remove from source of exposure. Keep at rest until recovered. If symptoms persist obtain medical attention.

5. Fire Fighting Measures

- 5.1. Suitable Extinguishing Equipment: No specific hazards. Appropriate local equipment should be used.
- 5.2. Specific hazards arising from the product: None.
- 5.3. PPE requirements: None.

6. Accidental Release Measures

- 6.1. Personal Precautions, PPE: Avoid eye contact. Use absorbent cloth and wear gloves to collect spill.
- 6.2. Environmental precautions: Flush to drain with copious amounts of water.
- 6.3. Methods and materials for Containment and clean up: Use absorbent towels or biological spill kit. Dispose of materials as clinical waste.

7. Handling and Storage

- 7.1. Precautions for safe handling: Avoid skin or eye contact. Wash after handling. Use gloves when handling.
- 7.2. Conditions for storage: Store as per instructions for use and within original container.

8. Exposure Controls / Personal Protection

- 8.1. National Exposure standards: No value assigned.
- 8.2. Biological Limit Values: No limit assigned.
- 8.3. Engineering controls: No specific controls.
- 8.4. Personal Protective Equipment:
 - 8.4.1. Respiratory: No special equipment required.
 - 8.4.2. Eye: No special Equipment required. Safety glasses/goggles recommended.
 - 8.4.3. Skin: Suitable latex, nitrile or equivalent gloves should be worn when handling.

9. Physical and Chemical Properties

- 9.1. Appearance: Colourless liquid
- 9.2. Odour: None
- 9.3. pH: 7.3-7.5 (Solutions 1 and 2)

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9.4. Viscosity (cP @25°C):	Not Available
9.5. Vapour Pressure:	Not Available
9.6. Vapour Density:	Not Available
9.7. Boiling Point:	Not Available
9.8. Freezing Point:	Not Available
9.9. Melting Point (°C):	Not Available
9.10. Solubility:	Not Available
9.11. Specific Gravity (@25°C):	Not Available
9.12. Flash Point (°C):	Not Available
9.13. Flammability:	Not Available
9.14. Lower Explosive Limit (%):	Not Available
9.15. Upper Explosive Limit (%):	Not Available
9.16. Autoignition Temp (°C):	Not Available
9.17. Decomposition Temp(°C):	Not Available

10. Stability and Reactivity

10.1. Reactivity:	No known reactivity.
10.2. Chemical Stability:	Product stable under normal storage conditions. No hazard known for storage outside recommended conditions.
10.3. Incompatible Materials:	None known.
10.4. Hazardous decomposition Products:	None known.

11. Toxicological Information

11.1. Likely exposure route:	Ingestion, skin contact
11.2. Health effects	
11.2.1. Ingestion:	May result in headache, nausea, vomiting, diarrhoea.
11.2.2. Eye:	Irritation and lacrimation.
11.2.3. Skin:	Prolonged contact may result in irritation.
11.2.4. Inhalation:	May cause irritation of respiratory system.

12. Ecological Information

12.1. Ecotoxicity:	Not known to cause adverse effects.
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13. Disposal Considerations

13.1. Disposal Method:	Dispose liquid down drain with copious amounts of running water.
13.2. Disposal of packaging:	Dispose as clinical waste.

14. Transport Information

14.1. No specific instructions or classification applies. Non-hazardous material.

15. Regulatory Information

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15.1. No notifiable regulations apply.

16. Other Information

Disclaimer: This information is provided based on our current knowledge and is intended to describe the product for the purpose of health, safety and environment requirements only. Genea Biomedx makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material. Each user must, prior to usage of the product, review this SDS in the context of how the user intends to handle and use the product.