



Safety Data Sheet

Product: VitaVitro® Sperm Freezing Medium
Date first created: 2023/06/05

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1. Product and Company identification

1.1. Product Identifier

Product name: VitaVitro® Sperm Freezing Medium

Cat. No.: SF-1.0

Brand: VitaVitro

1.2. Other Methods of Identification

No date.

1.3. The Use of the Identified Substance or Mixture and the Recommended Inappropriate use

Solution for the cryopreservation of human spermatozoa.

1.4. Company Identification

Company: Shenzhen VitaVitro Biotech Co., Ltd.

R601, Building B, Hai Ke Xing Tech Park, Baoshan Road No.16, Shenzhen, China 518118

Phone Number: +86 755 85235226

Fax Number: +86 755 85235226

2. Hazards Identification

The product is classified as non-hazardous according to CLP Regulation (EC) No 1272/2008.

3. Composition / Information on Ingredients

Component	CAS#	Approx. %
Physiological salts	N/A	<1%
Sodium Bicarbonate	144-55-8	<1%
HEPES	7365-45-9	<1%
Glucose	50-99-7	<1%
Sodium Lactate	72-17-3	<1%
Glycerol	56-81-5	<20%
Glycine	56-40-6	<2%
Sucrose	57-50-1	<2%
Gentamicin Sulfate	1405-41-0	<1%
Water	7732-18-5	>75%

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Human Serum Albumin	N/A	<1%
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4. First-Aid Measures

Inhalation: Not a likely source of exposure.
Ingestion: Wash out mouth with water. If swallowed consult a physician.
Skin: Wash with soap and water after each contact.
Eyes: Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. If irritation develops, consult a physician.

5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.
Extinguishing media: Dry chemical, foam, carbon dioxide or water spray.

6. Accidental Release Measures

Absorb on suitable absorbent, such as paper tissue.

7. Handling and Storage

Store in original container at 2-8°C, protected from light. Do not freeze prior to use.

8. Exposure Controls/Personal Protection

Avoid contact with skin and eyes. Wash thoroughly after handling.

9. Physiological and Chemical properties

Appearance: A clear, colorless liquid
Odour: Odourless
Boiling point: N/A
Vapor Pressure: N/A
Specific Gravity: N/A
Vapor Density: N/A
Melting Point: N/A
Solubility H₂O: Soluble
Evaporation Rate: N/A
Flash Point: None

10. Stability and Reactivity

Stability: Stable

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Conditions to avoid: None known
Hazardous Decomposition or by-products: None known
Hazardous polymerisation: Not expected to occur

11. Toxicological Information

No information available.

12. Ecological Information

No known ecological damage.

13. Disposal Considerations

Dispose of as medical waste.

14. Transportation Information

Classified as non-hazardous for transport.

15. Regulatory Information

The product has been evaluated in accordance with CLP Regulation (EC) No 1272/2008. The product has been classified as non-hazardous.

16. Other Information

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determinations of the suitability and completeness of information from all other sources to assure proper use and disposal of these materials and the safety and health of employees and customers. VitaVitro shall not be held liable for any damage resulting from handling or from contact with its products.
