



Safety Data Sheet

Product: VitaVitro® 1-Step Culture Medium
Date first created: 2018/11/28

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Revision date: 2022/04/07

Version:02

1. Product and Company identification

1.1. Product Identifier

Product name: VitaVitro® 1-Step Culture Medium

Catalog No.: V004005/V004010/ V004030

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

It is intended for the in vitro culture of human embryos following fertilization until Day 5/6 of development.

1.4. Company Identification

Company: VitaVitro Biotech Co., Ltd.

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

Phone Number: +86 755 84511813

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%
Glucose	50-99-7	<1%
Sodium Lactate	72-17-3	<1%
Sodium Pyruvate	113-24-6	<1%
Amino Acids	N/A	<1%
EDTA	60-00-4	<1%
Phenol Red	143-74-8	<1%
Gentamicin Sulfate	1405-41-0	<1%

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Sodium Citrate	6132-04-3	<1%
Taurine	107-35-7	<1%
Human Serum Albumin	9041-08-1	<1%
Water	7732-18-5	>90%

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, red or orange-yellow 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

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Flash Point: None

10. Stability and Reactivity

Stability: Stable
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.

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