



# Safety Data Sheet

Product: VitaVitro® Sperm Gradient Medium

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Date first created: 2021/03/01

Version:02

Revision date: 2022/04/07

## 1. Product and Company identification

### 1.1. Product Identifier

**Product name:** VitaVitro® Sperm Gradient Medium (40% & 80%)

**Catalog No.:** V015012/V015030/V015125

**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 separation of motile sperm from seminal fluid for use in assisted reproduction procedures.

### 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%
HEPES	7365-45-9	<1%
Glucose	50-99-7	<1%
Sodium Lactate	72-17-3	<1%
Sodium Pyruvate	113-24-6	<1%
EDTA	60-00-4	<1%
Phenol Red	143-74-8	<1%
Gentamicin Sulfate	1405-41-0	<1%

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Taurine	107-35-7	<1%
Water	7732-18-5	<60%
Silica Basic Solutio	N/A	40% (Sperm Gradient 40%) 80% (Sperm Gradient 40%)

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## 4. First-Aid Measures

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

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## 5. Fire Fighting Measures

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

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## 6. Accidental Release Measures

Absorb on suitable absorbent, such as paper tissue.

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## 7. Handling and Storage

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

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## 8. Exposure Controls/Personal Protection

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

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## 9. Physiological and Chemical properties

Appearance:	A milky white suspension liquid
Odour:	Odourless
Boiling point:	N/A
Vapor Pressure:	N/A
Specific Gravity:	N/A
Vapor Density:	N/A
Melting Point:	N/A
Solubility H <sub>2</sub> O:	Soluble
Evaporation Rate:	N/A
Flash Point:	None

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## 10. Stability and Reactivity

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

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## 11. Toxicological Information

No information available.

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## 12. Ecological Information

No known ecological damage.

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## 13. Disposal Considerations

Dispose of as medical waste.

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## 14. Transportation Information

Classified as non-hazardous for transport.

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## 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.

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## 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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