



Safety Data Sheet

Product: VitaVitro® Culture Oil
Date first created: 2023/07/03

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1. Product and Company identification

1.1. Product Identifier

Product name: VitaVitro® Culture Oil

Cat. No.: Oil-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

Intended for covering assisted reproductive medium in assisted reproductive technology.

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

Not a hazardous or mixture according to the Globally Harmonized System (GHS).

3. Composition / Information on Ingredients

Component	CAS#	Approx. %
Mineral oil	Proprietary	90~100%

4. First-Aid Measures

Inhalation: Move to fresh air.

Seek medical advice.

Ingestion: Do not induce vomiting, see medical advice.

Skin: Wash with soap and water after each contact.

If irritation develops, consult a physician.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

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5. Fire Fighting Measures

- Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media:** No information available.
- Specific hazards during firefighting:** Cool closed containers exposed to fire with water spray.
- Hazardous combustion products:** Carbon oxides (CO, CO₂), smoke and irritating vapours as products of incomplete combustion.
- Further information:** Prevent fire extinguishing water from contaminating surface water or the ground water system.
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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

- Use personal protective equipment.
- Ensure adequate ventilation.
- Evacuate personnel to safe areas.
- Material can create slippery conditions.
- Mark the contaminated area with signs and prevent access to unauthorized personnel.
- Only qualified personnel equipped with suitable protective equipment may intervene.

Environmental precautions:

- Do not allow uncontrolled discharge of product into the environment.

Methods and materials for containment and cleaning up:

- Prevent further leakage or spillage if safe to do so.
 - Remove all sources of ignition.
 - Soak up with inert absorbent material.
 - Non-sparking tools should be used.
 - Ensure adequate ventilation.
 - Contact the proper local authorities.
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7. Handling and Storage

- Keep container tightly closed in a dry and well-ventilated area. Store at 2-8 °C.
 - Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk.
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8. Exposure Controls/Personal Protection

Engineering measures:

- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash station and safety shower is proximal to the workstation location.

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Respiratory Protection:

None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Protective Gloves:

Disposable medical gloves, such as disposable nitrile gloves.

Eye Protection:

Safety glasses.

Skin and body protection:

Wear protective gloves/clothing.

9. Physiological and Chemical properties

Appearance:	A clear liquid
Odour:	No odour or slight petroleum oil like.
Odour Threshold:	No data available
pH:	No data available
Specific Gravity:	0.86
Boiling point:	N/A
Vapor Density:	N/A
Vapor Pressure:	N/A
Melting Point:	N/A
Solubility H ₂ O:	Insoluble
Evaporation Rate:	N/A
Flash Point:	220°C (428°F)

10. Stability and Reactivity

Stability: Stable

Conditions to avoid: None known

Hazardous Decomposition or by-products:

May release CO_x, smoke and irritating vapours when heated to decomposition.

11. Toxicological Information

Information on likely routes of exposure:

Eye contact: Non-irritating during normal use.

Ingestion: Ingestion may cause stomach discomfort.

Inhalation: Non-irritating during normal use.

Skin contact: Non-irritating during normal use.

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Toxicity data:

Acute inhalation toxicity : LC50 (Rat): > 5.2 mg/L. Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg.

Irritation: N/A

Corrosivity: N/A

Sensitization: N/A

Mutagenic Effects: N/A

Reproductive Toxicity: N/A

Carcinogenicity: None known.

12. Ecological Information

No information available.

13. Disposal Considerations

Dispose of in accordance with local regulations.

14. Transportation Information

Transport hazard class(es) (ADR)/(IMDG)/(IATA)/(ADN)/(RID): Not applicable.

15. Regulatory Information

DSL : On the inventory, or in compliance with the inventory

TSCA : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EINECS : On the inventory, or in compliance with the inventory

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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