

Material Safety Data Sheet

DAKEWE

MSDS No.: MSDS#6032011

Initial Date: 2019.01.23

Product Name: Serum-Free Cell Freezing Medium(2x)

Revision Date: 2023.01.27

Version: 1.0

1. Product And Company Identification

Product identification

Product code: 6032011
Product name: Serum-Free Cell Freezing Medium(2x)
product specification: 100 mL

Details of the company

Company name: Shenzhen Dakewe Bio- engineering Co., Ltd.
Address: Room 702-703, Building No.1, Shenzhen Biomedicine Innovations Industrial Park, No. 14 Jinhui Road, Kengzi Street, Pingshan District, Shenzhen
Telephone: 0755-86235300
E-mail: rd@dakewe.com
Post code: 518122
Emergency phone: 0755-86235300

This product does not contain animal ingredients and is only for research.

2.Hazards Identification

Hazardous classification

Physical and chemical hazards: None.
Health hazards: Severe eye injury/eye irritation Category 2B.
Skin corrosion/irritation Category 3.
Specific target organ toxicity - single exposure Category 2.

Risk statement: Cause slight irritation to skin.
Cause irritation to eyes.
Possible organ damage due to prolonged or contact: liver, blood.

GHS labeling:



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Signal word:	Warning.
Precautionary statements:	Do not inhalation. Wear protective gloves/ eye protection/ face protection.
Summary of emergency:	In case of skin contact: Rinse skin with water/shower. Consult doctor if feeling unwell. In case of eye contact: Rinse out with plenty of water. Consult doctor if feeling unwell. Ingestion: Rinse mouth, make victim drink water (1-3 cups), dilute stomach content. Consult doctor if feeling unwell.

3.Composition/information on ingredients

Main ingredients:	Albumin、DMSO、inorganic salt, etc.
Hazardous ingredients:	DMSO
Concentration of hazardous ingredient:	16% V/V

4.First Aid Measures

Skin contact:	Rinse skin with water/shower. Consult doctor if feeling unwell.
Eyes contact:	Rinse out with plenty of water. Consult doctor if feeling unwell.
Inhalation:	Rinse mouth, make victim drink water(1-3 cups), dilute stomach content. Consult doctor if feeling unwell.

5.Firefighting Measures

Suitable extinguishing agent:	Use Water spray, dry chemical or CO ₂ foam extinguishing.
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6.Accidental Release Measures

Personal precautions:	Use personal protective equipment as required.
Methods for cleaning up:	Clean and collect in suitable containers for recycling or disposal.
Environmental precautions:	Prevent further leaks or spills if safe.

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7. Handling and Storage

Precautions for safe handling: Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. Avoid ingestion by inhalation.

Conditions for safe storage: 2-8°C. Be preserved in tightly closed containers.

8. Exposure Controls/ Personal Protection

Exposure limit: There is no known exposure limits prescribed by the state.

Personal protection: The requirements for personal protective equipment depend on the risk assessment of the user institution and are specific to the risk assessment of each laboratory where the material is used.

Respiratory protection: Wear approved respiratory protection in case of inadequate ventilation.

Hands protection: Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection: Chemical safety goggles.

Skin and body protection: Suitable protective clothing.

Other protection: Handle in accordance with good industrial hygiene and safety practice.

Control of environmental exposure: Do not let product enter drains.

9. Physical and chemical properties

Physical state: Liquid.

Color: Colorless to slightly yellow.

Osmotic pressure : No data available.

pH: No data available.

Boiling point: No data available.

Melting point: No data available.

Vapor pressure: No data available.

Solubility: No data available.

Oxidizing properties: No data available.

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10.Stability and Reactivity

Stability:	Stable under recommended handling and storage conditions.
Conditions to avoid:	Direct sunlight.
Incompatible materials:	Substances that do not react dangerously under normal conditions of use.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization:	No Hazardous polymerization occurs.

11.Toxicological Information

Acute toxicity:	Not classified.
Eye damage/irritation:	Cause irritation to eyes.
Skin corrosion/irritation:	Cause slight irritation to skin.
Specific target organ toxicity - single exposure:	Liver、 blood.

12.Ecological Information

Ecotoxicity values:	No information available.
Persistence and degradability:	Degradable .
Bioaccumulative potential:	Non-accumulation.

13.Disposal Considerations

Waste disposal considerations:	Non-hazardous waste. Dispose of contents in accordance with local, regional, national, territorial, provincial, and international regulations.
Containers disposal considerations:	Containers should be handled appropriately, reuse or disposal by landfill or incineration. Dispose of containers in accordance with local, regional, national, territorial, provincial, and international regulations.

14.Transport Information

The products are not subject to ADR, RID, AND, IMDG and IATA DGR.

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UN number: Not regulated.
UN proper shipping name: Not regulated.
Transport hazard class(es): Not regulated.
Packing group: Not regulated.
Environmental hazards: Not Applicable.
Special precautions for user: Not Applicable.

15. Regulatory Information

US Federal Regulations: SARA 313: This product is not regulated by SARA.
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contain HAPs.
US State Regulations: California Proposition 65: This product does not contain any Proposition 65 chemicals.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. Other Information

Information about DMSO
