

SAFETY DATA SHEET (SDS)

Cryopreservation Medium

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Cryopreservation Medium

Product number: CS-SC-D1

Brand: CellStore

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For the cryopreservation of mesenchymal stem cells (MSCs) derived from various sources.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: CellStore Biotechnology Co., Ltd.

Address: 5-101, Bldg. 10, No.6 Dongsheng Science and Technology Park North St. , Haidian Dist., Beijing, China.

Tel: 010-82170580

Email: marketing@cellstorebio.com

Website: www.cellstore-global.com

1.4 Emergency telephone number

Emergency call: 010-82170580

2. Hazards identification

2.1 GHS classification

Not classified as hazardous.

2.2 GHS label elements

No pictogram, signal word, hazard statement or precautionary statement

2.3 Other hazards not classified (HNOC) or not covered by GHS

No data available.

3. Composition/information on ingredients

Amino acids: 0.05%

Inorganic salts: 1%

Energy substances: 0.05%

Cryoprotectant: 10%

Water: 88.9%

4. First aid measures

General advice: Consult a physician. Show this SDS to the doctor in attendance.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact: Wash off immediately with plenty of water for at least 15 minutes.

Remove contaminated clothing and wash before reuse. Seek medical attention immediately.

Inhalation: Move person into fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms/effects: No data available.

Notes for medical treatment: No data available.

5. Firefighting measures

Suitable extinguishing media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media: No data available.

Special hazards: No data available.

Advice for firefighters: If necessary, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to section 8.

Environmental precautions: Prevent further leakage or spillage. Do not let product enter drains.

Methods for cleanup: Sweep up and shovel into suitable closed container for disposal.

Reference: For disposal see section 13.

7. Handling and storage

Precautions for safe handling: Avoid contact with skin and eyes. Avoid dust and aerosols. Provide appropriate exhaust ventilation at areas with dust formation.

Conditions for safe storage: Keep container tightly closed in a cool, well-ventilated place. Recommended storage temperature: 2°C-8°C.

Specific end uses: No data available.

8. Exposure controls/personal protection

Occupational exposure limits: This product contains no substances with occupational exposure limit values.

Engineering controls: Ensure adequate ventilation. Provide safety shower and eyewash stations.

Personal protective equipment:

- Eye protection: Safety goggles with side-shields.
- Skin/Hand protection: Gloves and impermeable clothing.
- Respiratory protection: Suitable respirator if necessary.

Environmental protection: Prevent product from entering drains or soil.

9. Physical and chemical properties

Appearance: Colorless to light yellow liquid

Odor: No data available

pH: No data available

Melting/Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Other data: No data available.

10. Stability and reactivity

Reactivity: No hazardous reactions under normal conditions.

Chemical stability: Stable under recommended conditions.

Hazardous reactions: No polymerization occurs.

Conditions to avoid: Direct sunlight, extreme temperatures, incompatible materials.

Incompatible materials: Strong acids, bases, oxidizers, reducers, halides, metal salts, etc.

Hazardous decomposition products: No hazardous decomposition under normal use.

11. Toxicological information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Eye damage/irritation: No data available

Respiratory/skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available

Additional info: To the best of our knowledge, the toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity: No data available

Persistence/degradability: No data available

Bioaccumulation: No data available

Mobility in soil: No data available

PBT/vPvB assessment: No data available

Other adverse effects: No data available

13. Disposal considerations

Product: Dispose of excess and non-recyclable solutions via a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

14. Transport information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

15. Regulatory information

TSCA (US), EINECS/ELINCS (EU), IECSC (China) – Listed.

SARA 313: This product does not contain any substances subject to reporting.

SARA 311/312: Not classified as hazardous (see Section 2).

16. Other information

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