

CAPTIVATE BIO™	Safety Data Sheet			
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Section 1: Product and Company Identification

Product Name: CRYOVATE™ FD Freezing Medium

Catalog Number(s): CRY004

Product Use: A chemically synthesized cryopreservation medium composed of inorganic salts, amino acids, vitamins, DMSO, fetal bovine serum, and HEPES that allows for the optimal storage of human and animal cells.

Manufacturer/Supplier: Captivate Bio
465 Waverley Oaks Road, STE 105
Waltham, MA 02452, USA

Emergency Contact: 1-617-607-4017

Section 2: Hazards Identification

2.1 Classification: This product does not contain any substances which at their given concentration are hazardous to health.

2.2 Label elements:

2.2.1 Hazard symbol: Not applicable

2.2.2 Signal word: Not applicable

2.2.3 Hazard statements: Not applicable

2.3 Other hazards: Not applicable

Section 3: Composition/Information on Ingredients

3.1 Substances: This product is not a hazardous substance or mixture.

3.2 Component:

Component	CAS-No	Value	Concentration	Basis
Dimethyl sulfoxide (DMSO)	67-68-5	TWA	10-15%	USA. Workplace Environmental Exposure Levels (WEEL)

Section 4: First Aid Measures

4.1 Description of First Aid:

Eye contact: Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

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Skin contact: Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

Inhalation: Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Ingestion: Wash out mouth with water. Do NOT induce vomiting. Call a physician.

Notes to Physician: Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1 Extinguishing: Substance is non-combustible. Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher.

5.2 Special hazards: None.

5.3 Advice for firefighters: Wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

6.1 Use full personal protective equipment. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to protective measures listed in Section 8.

6.2 Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

6.3 Methods and materials for containment and cleaning up:
Absorb solutions with finely powdered liquid-binding material (diatomite, universal binders). Decontaminate surfaces and equipment by scrubbing with alcohol. Dispose of contaminated material according to Section 13.

Section 7: Handling and Storage

7.1 Handling: No special handling advice required.

7.2 Storage: Keep the container tightly sealed and stored at -20°C

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters: Components with workplace control parameters:
This product contains no substances with occupational exposure limit values.

8.2 Exposure controls:
Engineering measures: Ensure adequate ventilation, especially in confined areas.

8.3 Personal protective equipment:
Eye protection: Safety goggles with side-shields.
Hand protection: Protective gloves.
Skin & body protection: Lightweight protective clothing.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment
Environmental exposure: Prevent product from entering drains.

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Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:
 Appearance: Pale Yellow, Clear Liquid
 Melting/freezing point: No data available
 Boiling point/range: No data available
 Flash point: No data available
 Evaporation rate: No data available
 Water solubility: No data available

Section 10: Stability and Reactivity

10.1 Reactivity: No data available.
 10.2 Chemical stability: Stable under recommended storage conditions.
 10.3 Possibility of hazardous reactions: No data available.
 10.4 Conditions to avoid: No data available.
 10.5 Incompatible materials: No data available.
 10.6 Hazardous decomposition: No data available.

Section 11: Toxicological Information

11.1 Information on toxicological effects
 Acute Toxicity: For more details, see Section 2.
 Skin corrosion/irritation: No data available
 Serious eye damage/eye irritation: No data available
 Respiratory or skin sensitization: No data available
 Germ cell mutagenicity: No data available

Carcinogenicity: No data available
 IARC: No data available.
 ACGIH: No data available.
 NTP: No data available.
 OSHA: 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.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Dispose in accordance with local regulations.

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Section 14: Transport Information

14.1 DOT (US):
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable

14.2 IMDG:
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable.

14.3 IATA:
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable.

Section 15: Regulatory Information

15.1 United States Federal Regulations
 SARA 313: This product is not regulated by SARA.
 Clean Air Act, Section 112 Hazardous: This product does not contain HAPs.
 Air Pollutants (HAPs)

15.2 United States State Regulations
 California Prop. 65 components: This product does not contain chemicals listed under Proposition 65.

WHMIS Hazard Class: Non-controlled

Section 16: Other Information

Issue date: 01 JANUARY 2026
 Revision date: 01 JANUARY 2026
 Revision number: 1
 Prepared by: Captivate Bio Quality Department
 Contact: quality@captivatebio.com

Warranty and Disclaimers:
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