

CAPTIVATE BIO™	<b>Safety Data Sheet</b>			
	<b>Date:</b>	<b>Version/Revision</b>	<b>Department</b>	<b>Doc No: CB-SDS-26-0052</b>
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Section 1: Product and Company Identification

Product Use:

A chemically synthesized, serum-free cryopreservation medium composed of inorganic salts, amino acids, vitamins, DMSO, and other components, that allows for the optimal storage of human and animal cells.

Product Name: CRYOVATE™ SF Freezing Medium

Catalog Number(s): CRY014

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	7-15%	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.

**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.

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

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

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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: Other decomposition products - 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.

**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:

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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

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