

Safety Data Sheet

In accordance with Commission Regulation (EU) No 453/2010

Revision Date: 01/02/2022

Version: 1

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

1.1 Product identifiers

Product name: CnT-CRYO Defined, Animal Component-Free Freezing Medium

Catalog number: CnT-CRYO-50

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

Relevant uses: For research use only.

Uses advised against: Not for consumer, diagnostic or therapeutic use.

1.3 Details of the supplier of the safety data sheet

Supplier: CELLnTEC Advanced Cell Systems AG
Stauffacherstrasse 78
CH-3014 Bern
Switzerland
info@cellntec.com

1.4 Emergency telephone number

Telephone (office hours): +41 31 331 9582

Section 2. Hazards Identification

2.1 Classification of substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

May cause skin irritation. Components of this product may be absorbed through the skin.

Section 3. Composition/information on ingredients

3.1 Substances

The product is an aqueous solution of inert cryoprotective compounds in an aqueous DMSO solution

3.2 Mixtures

Chemical Name	CAS-No.	Weight Percent
Dimethyl Sulfoxide	67-68-5	<20%

Section 4. First aid measures

4.1 Description of first aid measures

Skin contact: Rinse with plenty of water. Immediate medical attention not required. If rash occurs, seek medical advice.

Eye contact: Rinse cautiously with water for several minutes.

Ingestion: If you feel unwell, seek medical advice.

Inhalation: Not expected to be an inhalation hazard under anticipated normal use. Seek medical advice if required.

4.2 Most important symptoms and effects, both acute and delayed

Skin irritation.

Eye irritation

May cause an allergic skin reaction. May be absorbed through the skin.

4.3 Indication of any immediate medical attention and special treatment needed

None.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Carbon dioxide. Foam. Dry chemical.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

Standard procedure for chemical fires. Product not combustible.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. See Section 8 for more detail.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Section 7. Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Skin and eye protection recommended. Do not eat or drink in work areas. Remove any contaminated clothing before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep in tightly closed, properly labelled containers, according to the storage conditions on the label.

7.3 Specific end uses

See section 1.2.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Dimethyl Sulfoxide (CAS 67-68-5): 50 ppm (Germany, Austria, Sweden)

8.2 Exposure controls

Engineering measures: Ensure adequate ventilation in confined areas.

Eye/Face protection: Wear safety goggles.

Skin protection: Wear suitable protection clothing and chemical resistant gloves.

Respiratory protection: Not required, except in case of aerosol formation.

Environmental exposure controls: No special environmental precautions necessary. Avoid discharge into drains where possible.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid.

Odor: None.

pH: Neutral.

9.2 Other information

None available.

Section 10. Stability and reactivity

10.1 Reactivity

See section 10.3.

10.2 Chemical Stability

Stable at ambient conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction partners known under conditions of normal use

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong acids, oxidizing agents

10.6 Hazardous decomposition products

No information available.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	No data available.
Skin corrosion/irritation:	Mild skin irritant. Components of the product may be absorbed through the skin.
Serious eye damage/irritation:	Irritating to eyes.
Skin sensitization:	May cause sensitization by skin contact.
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.
Other adverse effects:	No data available.

Section 12. Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bio-accumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Other adverse effects

No data available.

Section 13. Disposal considerations

13.1 Waste treatment methods

Empty containers may retain some product residues. Disposal of this product and its packaging shall comply with the requirements of applicable regional and national regulations.

Section 14. Transport information

IATA/ADR/DOT/IMDG:	Not classified as dangerous in transport regulations.
UN Number:	Not applicable.
Transport hazard classes:	Not applicable.
Packing group:	Not applicable.
Environmental hazards	Not applicable.
Special precautions:	No data available.

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances of very high concern:	None.
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Restricted substances under EC 1907/2006 Annex XVII:	None.
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15.2 Chemical safety assessment

No chemical safety assessment has been carried out

Section 16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

----- End of Safety Data Sheet -----