

## Safety Data Sheet

FreezeMe Two, Cryopreservation Medium Serum-free

According to Regulation (EC) No. 1907/2006 (REACH)

Date of compilation 04.10.2017

Revision Date 12.09.2023

Version 002/09.2023

Replaces version of 12.09.2023 (001/09.2023)

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

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#### Product identifiers

Product name: FreezeMe Two, Cryopreservation Medium Serum-free

Catalogue No.: FM2-F

REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Laboratory chemicals, Manufacture of substances  
For research and development or in-vitro diagnostic use only.  
Not for therapeutic use. Not for use on human subjects.

#### Details of the supplier of the safety data sheet

Company: Capricorn Scientific GmbH  
Auf der Lette 13 A  
35085 Ebsdorfergrund  
Germany  
Phone: +49 6424 94464 0  
E-Mail: [info@capricorn-scientific.com](mailto:info@capricorn-scientific.com)  
Website: [www.capricorn-scientific.com](http://www.capricorn-scientific.com)

#### Emergency telephone number

Emergency Phone: +49 6424 94464 0 (on workdays, Mon. to Fri. from 8:00 – 16:00 h CET/CEST)

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### Section 2 Hazards identification

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#### Classification of the substance or mixture

The product is classified and labelled in accordance with Directive 1999/45/EC.

#### Label elements

The product is classified and labelled according to Regulation (EC) No. 1272/2008.

#### Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Section 3 Composition/information on ingredients

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#### Substances

not relevant (mixture)

#### Mixtures

No components need to be disclosed according to the applicable regulations.

#### Chemical composition

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### Section 4 First aid measures

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#### Description of first aid measures

##### General notes

Treat symptomatically.

##### Following skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower.

##### Following eye contact

Rinse immediately with plenty of water, also under the eyelids.

##### Following swallowing

make victim drink water (two glasses at most). Consult doctor if feeling unwell.

##### Following inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### Self-protection of the first aider

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### **Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### **Indication of any immediate medical attention and special treatment needed**

No data available.

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### Section 5 Firefighting measures

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#### Suitable extinguishing media

Dry chemical.

#### Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

#### Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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### Section 6 Accidental release measures

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#### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

For personal protection see section 8.

#### Environmental precautions

Do not let product enter drains.

#### Methods and material for containment and cleaning up

Soak up with inert absorbent material.

#### Reference to other sections

For disposal see section 13.

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### Section 7 Handling and storage

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#### Precautions for safe handling

No special handling advice required.

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### Conditions for safe storage, including any incompatibilities

Keep in properly labelled, tightly closed containers; store at +2°C to +8°C. Sensitive to light.

### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## Section 8 Exposure controls/personal protection

### Control parameters

#### Exposure controls

We are not aware of any national exposure limit.

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

#### Skin protection

Impervious chemical-resistant gloves.

#### Eye protection

Safety glasses with side-shields tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

#### Body protection

Lightweight protective clothing.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Do not let product enter drains.

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## Section 9 Physical and chemical properties

### Information on basic physical and chemical properties

Physical state

Liquid at 20°C

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<b>Odor</b>	No data available
<b>pH</b>	No data available
<b>Melting/freezing point</b>	No data available
<b>Boiling point and range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability or exposure limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	No data available
<b>Water solubility</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

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### Other information

No data available

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## Section 10 Stability and Reactivity

### Reactivity

No data available

### Chemical stability

The product is chemically stable under standard ambient conditions.

### Materials to avoid

No information available

### Polymerisation

No information available

### Hazardous decomposition products

In the event of fire: see section 5.

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## Section 11 Toxicological information

### Information on toxicological effects

#### Acute toxicity

Skin corrosion/irritation

no information available

Serious eye damage/eye irritation

no information available

Inhalation

no information available

Ingestion

no information available

Carcinogenicity

no information available

Reproductive toxicity

no information available

Mutagenic effects

no information available

Sensitisation

no information available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### Section 12 Ecological information

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#### Toxicity

No data available.

#### Ecotoxicity effects

No data available.

#### Bioaccumulative potential

No data available.

#### Mobility in soil

No data available.

#### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### Other adverse effects

No data available.

General comments on entries in Section 12 as a whole

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### Section 13 Disposal considerations

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#### Waste treatment methods

##### Product

Dispose of in accordance with local regulations and with the Directive on waste 2008/98/EC. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

##### Contaminated packaging

Dispose of as unused product.

Product / Packaging disposal:

Waste codes / waste designations according to LoW:

Waste treatment-relevant information:

Sewage disposal-relevant information:



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Other disposal recommendations:

### Section 14 Transport Information

In accordance with ADR / RID / IMDG / IATA

ADR/RID	IMDG	IATA
<b>UN number</b>		
-	-	-
<b>UN proper shipping name</b>		
Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>Transport hazard classes</b>		
-	-	-
<b>Packaging group</b>		
-	-	-
<b>Environmental hazards</b>		
no	Marine pollutant: no	no

Special precautions for user

Maritime transport in bulk according to IMO instruments

### Section 15 Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available.

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

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### Section 16

### Other information

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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 regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product.