

## Safety Data Sheet

SEREXIS™ 180 Defined FBS Replacement for Multiple Cell Types sterile-filtered

According to Regulation (EC) No. 1907/2006 (REACH) and 2020/878

Date of compilation 28.01.2026

Revision Date 05.05.2026

Version 003/05.2026

Replaces version of 04.05.2026 (002/05.2026)

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

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#### Product identifiers

Product name: **SEREXIS™ 180** Defined FBS Replacement for Multiple Cell Types sterile-filtered

Catalogue No: ZER-500ML (500 ml), ZER-100ML (100 ml), ZER-50ML (50 ml)

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: This product is for research and further manufacturing 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  
Website: 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)

### Section 2 Hazards identification

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#### Classification of the substance or mixture

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

#### Label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required 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.

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### Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## Section 3

### Composition/information on ingredients

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#### Mixture

Synonyms: ZereX 180

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

## Section 4

### First aid measures

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#### Description of first aid measures

<b>General notes</b>	Show this material safety data sheet to the doctor in attendance.
<b>Following skin contact</b>	Wash off with soap and plenty of water. In case of modifications on the skin, seek medical advice with this safety data sheet.
<b>Following eye contact</b>	Remove contact lenses. Rinse immediately carefully and thoroughly with eyebath or water. If eye irritation persists: Get medical advice/attention.
<b>Following ingestion</b>	Make victim drink water (two glasses at most). Consult doctor if feeling unwell. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.
<b>Following inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Following swallowing</b>	Make victim drink water (two glasses at most). Consult doctor if feeling unwell. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Consider personal protective equipment as indicated in section 8.

#### 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

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No data available.

### Section 5 Firefighting measures

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#### Extinguishing media

**Suitable extinguishing media** Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

**Unsuitable extinguishing media** For this substance/mixture no limitations of extinguishing agents are given.

#### Special hazards arising from the substance or mixture

**Hazardous combustion products:** Nature of decomposition products not known.

Combustible.

Development of hazardous combustion gases possible in the event of fire.

#### Advice for firefighters

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

Suppress (knock down) gases/vapors/mists with a water spray jet.

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

### Section 6 Accidental release measures

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

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

**Environmental precautions** Do not let product enter drains.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

**Reference to other sections** For disposal see section 13.

### Section 7 Handling and storage

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**Precautions for safe handling** For precautions see section 2.

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### Conditions for safe storage, including any incompatibilities

**Storage** Conditions: Tightly closed. Stability: Recommended storage temperature: ≤ -15 °C.  
Protect from light  
Storage class (TRGS 510): Non-Combustible liquids

**Specific end use(s)** Apart from the uses mentioned in section 1 no other specific uses are stipulated.

## Section 8 Exposure controls/personal protection

**Control parameters** Components with workplace control parameters.

### Exposure controls

#### Personal protective equipment

**Respiratory protection** Not required; except in case of aerosol formation.

**Eye protection** Safety glasses tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

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

## Section 9 Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	No data available
<b>Colour</b>	No data available
<b>Odour (Threshold)</b>	No data available
<b>Melting/freezing point</b>	No data available
<b>Initial boiling point and range</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower explosion limit</b>	No data available
<b>Flash point</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>pH</b>	No data available
<b>Viscosity - Kinematic:</b>	No data available
<b>- Dynamic:</b>	No data available
<b>Water solubility</b>	No data available

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<b>Partition coefficient [n-octanol/water]</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Density/Relative density</b>	No data available
<b>Relative vapour density</b>	No data available
<b>Particle characteristics</b>	No data available
<b>Oxidizing properties</b>	No data available

**Other information** No data available

### Section 10 Stability and Reactivity

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<b>Reactivity</b>	No data available
<b>Chemical stability</b>	The product is chemically stable under recommended conditions.
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	Heat
<b>Incompatible materials</b>	No data available
<b>Hazardous decomposition products</b>	In the event of fire: see section 5

### Section 11 Toxicological information

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#### Information on toxicological effects

<b>Acute toxicity</b>	Oral: No data available Inhalation: No data available Dermal: No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b> - single exposure	No data available

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- repeated exposure No data available

**Aspiration hazard** No data available

### Additional Information

#### Endocrine disrupting properties

**Assessment:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

## Section 12 Ecological information

**Toxicity** No data available

**Persistence and degradability** 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.

#### Endocrine disrupting properties

##### *Product:*

**Assessment :** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Other adverse effects** No data available

## Section 13 Disposal considerations

### Waste treatment methods

***Product:*** Discourage sewage disposal. Dispose of waste according to applicable legislation.

**Contaminated packaging** Dispose of as unused product. Dispose of waste according to applicable legislation.

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### 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** No data available

**Maritime transport in bulk according to IMO instruments** No data available

### Section 15 Regulatory information

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

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

**Chemical Safety Assessment** For this product a chemical safety assessment was not carried out.

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### 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 regarding ap-proprate safety precautions. It does not represent any guarantee of the properties of the product.

#### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road;  
AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight;  
CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation;  
DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response;  
EmS - Emergency Schedule; ENCS - Existing & New Chemical Substances (Japan);  
ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice;  
IARC - International Agency for Research on Cancer; IATA - International Air Transport Association;  
IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;  
IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization;  
IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods;  
IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan);  
ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory;  
LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose);  
MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified;  
NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level;  
NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals;  
OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention;  
PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances;  
(Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature;  
SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory;  
TSCA - Toxic Substances Control Act (United States); UN - United Nations;  
UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative