

Safety Data Sheet

Water, suitable for cell culture, sterile-filtered

According to Regulation (EC) No. 1907/2006

Date of Compilation 04.01.2022

Revision Date 12.04.2023

Version 001/04.2023

Replaces version of 04.01.2022 (Version 000/01.2022)

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product Identifiers

Product name: Water, suitable for cell culture, sterile-filtered

Catalogue No: WAT-1000ML, WAT-500ML

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: For research use and further manufacturing only.

Details of the Supplier of the Safety Data Sheet

Company: Capricorn Scientific GmbH

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35085 Ebsdorfergrund

Germany

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Emergency Telephone Number

Emergency Phone: During Office Time: +49 6424 94464 0.

Section 2 Hazards Identifications

Classification of the substance or mixture

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

Label elements

Not a hazardous substance or mixture 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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Section 3 Composition/Information on Ingredients

Substances

Formula	H ₂ O
Molecular weight	18.02 g/mol
CAS No.	7732-18-5
EC No.	231-791-2

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

Section 4 First Aid Measures

Description of first aid measures

General advice

No hazards which require special first aid measures.

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.

Section 5 Firefighting Measures

Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media

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

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

Wear self-contained breathing apparatus and protective suit for firefighting.

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Further information

No data available

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

. For personal protection see section 8.

Environmental precautions

No special precautionary measures necessary.

Methods and materials for containment and cleaning up

Observe possible material restrictions (see sections 7 and 10). Pour into drain.

Reference to other sections

For disposal see section 13.

Section 7 Handling and Storage

Precautions for safe handling

No special handling advice required.

Conditions for safe storage, including any incompatibilities

Keep in properly labelled containers; store at +2°C to +25°C.

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

Exposure controls

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.

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Eye/face protection

Not required.

Skin protection

Not required.

Body protection

Not required.

Respiratory protection

Not required.

Control of environmental exposure

No special precautionary measures necessary.

Section 9

Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: colorless liquid
Odor	Odorless
pH	6.5 – 8.5
Melting/freezing point	0,0°C
Initial boiling point and range	100°C- lit.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or exposure limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Water solubility	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

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Section 10 Stability and Reactivity

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Violent reactions possible with:

The generally known reaction partners of water.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

No data available.

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity

No data available.

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.

Reproductive toxicity

No data available.

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Specific target organ toxicity – single exposure

No data available.

Specific target organ toxicity – repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

RTECS: ZC0110000

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

Other adverse effects

No ecological problems are to be expected when the product is handled and used with due care and attention.

Section 13 Disposal Considerations

Waste treatment methods

Product

Dispose of in accordance with local regulations..

Contaminated packaging

Dispose of as unused product.

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Section 14 Transport Information

UN-number

ADR/RID: - IMDG: - IATA: -

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

Further information

Not classified as dangerous in the meaning of transport regulations.

Section 15 Regulatory Information

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

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

Label according to EWG-regulations:

Code and Hazard declaration: Not dangerous

Dangerous components requiring special labelling: Not applicable

Chemical Safety Assessment

For this product a chemical safety assessment was not 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.