

Safety Data Sheet

Adult Bovine Serum

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

Date of compilation 28.09.2017

Revision date 17.10.2023

Version 003/10.2023

Replaces version of 23.07.2021 (Version 002/07.2021)

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

Product Identifiers

Product name: Adult Bovine Serum

Catalogue No: ABS-1A (500 ml), ABS-1B (100 ml), ABS-1D (1000 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: Laboratory chemicals, Manufacture of substances.

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

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

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.

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Section 3 Composition/Information on Ingredients

Substances

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

Section 4 First Aid Measures

Description of first aid measures

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

In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Rinse thoroughly with plenty of water, also under the eyelids.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Firefighting Measures

Extinguishing media

Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides.

Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

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Section 7 Handling and Storage

Precautions for safe handling

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Preventive measures for fire protection.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: $\leq -15^{\circ}\text{C}$.

Section 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

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.

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Impervious chemical-resistant gloves according to specifications of EU Directive 89/686/EEC and the standard EN374.

Body protection

Lightweight protective clothing.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Control of environmental exposure

Do not let product enter drains.

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Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: liquid
Odor	Colour: amber
pH	No data available.
Melting/freezing point	6.8 - 8.2
Initial boiling point and range	No data available.
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.
Vapour pressure	No data available.
Vapour 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.

Other safety information

No data available

Section 10 Stability and Reactivity

Reactivity

No data available.

Chemical stability

Stable for 5 years under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

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Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Other 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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

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: No data 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

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

In general

Prevent product from entering drains.

Section 13 Disposal Considerations

Waste treatment methods

Product

Dispose of in accordance with local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

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

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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

Special precautions for user

No data available.

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.

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.