

Safety Data Sheet

Human Serum

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

Revision Date: 09.01.2019

Print Date: 09.01.2019

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

Product identifiers

Product name: Human Serum

Cat. No.: HUM-8B, HUM-9B, HUM-1B, HUM-2B; HUM-3B

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

Identified uses: Laboratory chemicals, Manufacture of substances.

This material is intended for research or manufacturing use only. Not for use in humans or clinical diagnosis.

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 Identification

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

Classification

Indication of Danger

This material is derived from a human source and thus is a potential biohazard.

Because no known test offers complete assurance that infectious agents are absent, all materials derived from human blood should be handled as if capable of transmitting infection.

SECTION 3 Composition/Information on Ingredients

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

CAS No.: Not available

Component Name: Human Serum

?: >99 %

SECTION 4 First Aid Measures

Skin contact Wash thoroughly with warm water and antibacterial soap. Flush with water.

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

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Ingestion	Never give anything by mouth to an unconscious person.
Inhalation	Move to fresh air.
Notes to physician	Treat symptomatically.

SECTION 5 Firefighting Measures

Suitable extinguishing media

Dry chemical.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

SECTION 6 Accidental Release Measures

Personal precautions	Use personal protective equipment.
Methods for cleaning up	Collect spill with absorbent disposable towels. Rinse area with disinfectant cleaner.
Environmental precautions	Prevent further leakage or spillage if safe to do so.

See Section 12 for additional information.

SECTION 7 Handling and Storage

Handling

Avoid contact with skin and eyes. Wear personal protective equipment.

Storage

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.
Recommended storage temperature: <-15°C.

SECTION 8 Exposure Controls/Personal Protection

Exposure limits

We are not aware of any national exposure limit.

Engineering measures

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.
Hand protection	Impervious gloves.
Eye protection	Safety glasses with side-shields.
Skin and body protection	Lightweight protective clothing.

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Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls
Prevent product from entering drains.

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C: Liquid
Water solubility: No data available.

Important Health Safety and Environmental Information

Boiling point/range	°C	No data available.
Melting point/range	°C	No data available.
Flash point	°C	No data available.
Autoignition temperature	°C	No data available.
Oxidising properties	°C	No data available.

SECTION 10 Stability and Reactivity

Stability	Stable.
Materials to avoid	No information available.
Hazardous decomposition	No information available.
Polymerisation	Hazardous polymerisation does not occur.

SECTION 11 Toxicological Information

Acute toxicity

Principle Routes of Exposure/Potential Health effects

Eyes	No information available.
Skin	No information available.
Inhalation	No information available.
Ingestion	No information available.
Carcinogenic effects	No information available.
Mutagenic effects	No information available.
Reproductive toxicity	No information available.
Sensitisation	No information available.

SECTION 12 Ecological Information

Ecotoxicity effects	No information available.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Does not bioaccumulate.

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SECTION 13 Disposal Considerations

Dispose of in accordance with local regulations.

SECTION 14 Transport Information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations.
Hazard class	No information available.
Subsidiary Class	No information available.
Packing group	No information available.
UN-No	No information available.

SECTION 15 Regulatory Information

In accordance with local and national regulations, the preparation is non-dangerous in accordance with Directive 1999/45/EC.

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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 with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
