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

Product identifiers
Product name: Human Serum

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.

Ingestion
Never give anything by mouth to an unconscious person.
Safety Data Sheet

Human Serum

According to Regulation (EC) No. 1907/2006 (REACH)
Revision Date: 04.02.2014
Print Date: 19.08.2014

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.
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.
Safety Data Sheet
Human Serum

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

Does not bioaccumulate.

SECTION 13 Disposal Considerations

Dispose of in accordance with local regulations.

SECTION 14 Transport Information

IATA

<table>
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</table>

SECTION 15 Regulatory Information

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

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 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.