

Safety Data Sheet

Hanks' Balanced Salt Solution (HBSS), (1x), with Ca & Mg, w/o Phenol Red

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

Revision Date: 04.10.2017

Print Date: 04.10.2017

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

Product identifiers

Product name: Hanks' Balanced Salt Solution (HBSS), (1x), with Ca & Mg, w/o Phenol Red

Cat. No.: HBSS-1A

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

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

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.

Hazards to humans and the environment: Not hazardous.

GHS-Classification:

SECTION 3 Composition/Information on Ingredients

Chemical composition:

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

Additional considerations:

SECTION 4 First Aid Measures

Skin contact

Wash off immediately with plenty of water.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion

Never give anything by mouth to an unconscious person. Call a physician.

Inhalation

Move to fresh air.

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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

Soak up with inert absorbent material.

See Section 12 for additional information.

SECTION 7 Handling and Storage

Handling

No special handling advice required.

Storage

Keep in properly labelled containers; store at +15°C to +25°C.

SECTION 8 Exposure Controls/Personal Protection

Technical measures to limit exposure:

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 chemical-resistant 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.

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C: Liquid

Odor: Odorless

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pH: 7.0 – 7.5
Water solubility: Soluble

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 under normal conditions.
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	No information available.
Bioaccumulation	No information available.

In general:

Prevent product from entering drains.

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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	None.
Subsidiary Class	None.
Packing group	None.
UN-No	None.

SECTION 15 Regulatory Information

In compliance with local and national regulations, this product is classified and labelled in accordance with Directive 1999/45/EC.

Label according to EWG-regulations:

Code and Hazard declaration: Not dangerous

Dangerous components requiring special labelling: Not applicable

International Inventories:

Classification according to VbF: Not applicable

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.