

## Safety Data Sheet

Phytohemagglutinin M (PHA-M)

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

Revision Date: 04.10.2017

Print Date: 04.10.2017

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

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#### Product identifiers

Product name: Phytohemagglutinin M (PHA-M)

Cat. No.: PHA-K

#### 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

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

#### GHS-Classification

Signal word: Not hazardous

#### Health Hazard

Not hazardous

#### Physical Hazard

Not hazardous.

#### European Union

#### EU Specific Hazard Statements

#### R-phrase(s)

None

#### S-phrase(s)

None

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#### Principle Routes of Exposure/Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation with susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

#### Specific effects

Carcinogenic effects	Not applicable.
Mutagenic effects	Not applicable.
Reproductive toxicity	Not applicable.
Sensitisation	Not applicable.
Target Organ Effects	No known effects under normal use conditions.

### SECTION 3 Composition/Information on Ingredients

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The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### SECTION 4 First Aid Measures

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<b>Skin contact</b>	Rinse with plenty of water. If symptoms arise, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration.
<b>Notes to physician</b>	Treat symptomatically.

### SECTION 5 Firefighting Measures

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#### Suitable extinguishing media

Dry chemical.

#### Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

### SECTION 6 Accidental Release Measures

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<b>Personal precautions</b>	Use personal protective equipment.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so.

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## SECTION 7 Handling and Storage

### Handling

Avoid contact with skin and eyes

### Storage

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

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## 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.

<b>Respiratory protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection</b>	Impervious gloves.
<b>Eye protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Lightweight protective clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

### Environmental exposure controls

Prevent product from entering drains.

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## SECTION 9 Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical state at 20 °C:	Liquid
Color:	No information available
Odor:	Odorless
pH:	No information available
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.

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### SECTION 10 Stability and Reactivity

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<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	No dangerous reaction known under conditions of normal use.
<b>Hazardous decomposition</b>	None under normal use.
<b>Polymerisation</b>	Hazardous polymerisation does not occur.

### SECTION 11 Toxicological Information

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#### Acute toxicity

Not hazardous

#### Principle Routes of Exposure/Potential Health effects

<b>Eyes</b>	May cause eye irritation with susceptible persons.
<b>Skin</b>	May cause skin irritation in susceptible persons.
<b>Inhalation</b>	May be harmful by inhalation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Carcinogenic effects</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Sensitisation</b>	No information available.

### SECTION 12 Ecological Information

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<b>Ecotoxicity effects</b>	No information available.
<b>Mobility</b>	No information available.
<b>Biodegradation</b>	Inherently biodegradable.
<b>Bioaccumulation</b>	No information available.

### SECTION 13 Disposal Considerations

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Dispose of in accordance with local regulations.

### SECTION 14 Transport Information

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#### IATA

<b>Proper shipping name</b>	Not classified as dangerous in the meaning of transport regulations.
<b>Hazard class</b>	None.
<b>Subsidiary Class</b>	None.
<b>Packing group</b>	None.
<b>UN-No</b>	None.

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### SECTION 15 Regulatory Information

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#### International Inventories

Complies

### SECTION 16 Other Information

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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.