

## Safety Data Sheet

DMEM High Glucose (4,5g/l) Powder, with L-Glutamine, with Sodium Pyruvate, w/o Sodium Bicarbonate

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: DMEM High Glucose (4,5g/l) Powder, with L-Glutamine, with Sodium Pyruvate, w/o Sodium Bicarbonate

Cat. No.: DMEM-HPA-P10, DMEM-HPA-P50

#### 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.

**Hazards to humans and the environment:** Not hazardous.

**GHS-Classification:**

### SECTION 3 Composition/Information on Ingredients

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#### 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

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<b>Skin contact</b>	Wash off immediately with plenty of water.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Call a physician.
<b>Inhalation</b>	Move to fresh air.

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### 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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#### Personal precautions

Use personal protective equipment.

#### Methods for cleaning up

Soak up with inert absorbent material.

### SECTION 7 Handling and Storage

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#### Handling

No special handling advice required.

#### Storage

Keep in properly labelled, tightly closed containers; store at +2°C to +8°C.

**VbF-Class:** Not applicable

### SECTION 8 Exposure Controls/Personal Protection

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#### 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

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#### Information on basic physical and chemical properties

Physical state at 20°C: Powder

Odor: Odorless

pH: 7.0 – 7.5

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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

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<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	No information available.
<b>Hazardous decomposition</b>	No information available.
<b>Polymerisation</b>	Hazardous polymerisation does not occur.

## SECTION 11 Toxicological Information

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### Acute toxicity:

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

<b>Eyes</b>	No information available.
<b>Skin</b>	No information available.
<b>Inhalation</b>	No information available.
<b>Ingestion</b>	No information available.
<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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### In general:

Prevent product from entering drains. No bioaccumulation.

## SECTION 13 Disposal Considerations

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Dispose of in accordance with local regulations.

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### 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>	No information available.
<b>Subsidiary Class</b>	No information available.
<b>Packing group</b>	No information available.
<b>UN-No</b>	No information available.

### SECTION 15 Regulatory Information

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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

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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.