

## Safety Data Sheet

Dulbecco's Modified Eagle Medium

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

Date of compilation 04.10.2017

Revision Date 27.11.2023

Version 003/11.2023

Replaces version of 31.08.2021 (Version 002/08.2021)

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

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#### Product Identifiers

Product name: Dulbecco's Modified Eagle Medium  
Catalogue No: DMEM-LPXA, DMEM-LPA, DMEM-LPSTA, DMEM-HXA, DMEM-HPXA, DMEM-HXRXA, DMEM-HA, DMEM-HPA, DMEM-HPSTA, DMEM-HHSTA

REACH No. A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

#### Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified uses: Laboratory chemicals, Manufacture of substances.

#### 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](mailto:info@capricorn-scientific.com)

#### Emergency Telephone Number

Emergency Phone: During Office Time: +49 6424 94464 0.

### Section 2 Hazards Identifications

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#### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### Label elements

Labelling according to Regulation (EC) No. 1272/2008.

**The product does not need to be labelled in accordance with EC directives or respective national laws.**

#### Other hazards

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none

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### 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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#### Description of first aid measures

**If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact** Wash off with soap and plenty of water. Immediate medical attention is not required.

**In case of eye contact** Flush eyes with water as a precaution. If eye irritation persists, get medical advice/attention.

**If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician if feeling unwell.

#### Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

#### Indication of any immediate medical attention and special treatment needed

No data available.

### Section 5 Firefighting Measures

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#### Extinguishing media

##### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### Unsuitable extinguishing media

No information available.

#### Special hazards arising from the substance or mixture

Not known.

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

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### Further information

No data available.

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## Section 6 Accidental Release Measures

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### Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Always wear recommended Personal Protective Equipment.  
For personal protection see section 8.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. No special environmental precautions required.

### Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

### Reference to other sections

For disposal see section 13.

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## Section 7 Handling and Storage

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### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature +2°C to +8°C

### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## Section 8 Exposure Controls/Personal Protection

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### Control parameters

Components with workplace control parameters

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### Exposure controls

#### Appropriate engineering controls

General industrial hygiene and safety practice.

#### Personal protective equipment

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Do not let product enter drains.

## Section 9

## Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Clear solution
Odor	No data available.
pH	7.0-7.6
Melting/freezing point	No data available.
Initial boiling point and range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or exposure limits	No data available.
Vapor pressure	No data available.

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Vapor density	No data available.
Relative density	No data available.
Water solubility	soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

### Other safety information

No data available.

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## Section 10 Stability and Reactivity

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No data available.

### Conditions to avoid

No data available.

### Incompatible materials

No dangerous reaction known under conditions of normal use.

### Hazardous decomposition products

None under normal use conditions. Other decomposition products: No data available.

In the event of fire: see section 5.

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## Section 11 Toxicological Information

### Information on toxicological effects

#### Acute toxicity

No data available.

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### **Skin corrosion/irritation**

No data available.

### **Serious eye damage/eye irritation**

No data available.

### **Respiratory or skin sensitization**

No data available.

### **Germ cell mutagenicity**

No data available.

### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### **Reproductive toxicity**

No data available.

### **Specific target organ toxicity – single exposure**

No data available.

### **Specific target organ toxicity – repeated exposure**

No data available.

### **Aspiration hazard**

No data available.

## Section 12

## Ecological Information

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### **Toxicity**

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

### **Persistence and degradability**

No data available.

### **Bioaccumulative potential**

No data available.

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### **Other adverse effects**

No data available.

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### Section 13 Disposal Considerations

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#### Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of waste in accordance with all applicable Federal, state and local laws.

##### Contaminated packaging

Dispose in accordance with all applicable federal, state, and local environmental regulations.

### Section 14 Transport Information

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#### UN-number

ADR/RID: -                      IMDG: -                      IATA: -

#### UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### Transport hazard class(es)

ADR/RID: -                      IMDG: -                      IATA: -

#### Packaging group

ADR/RID: -                      IMDG: -                      IATA: -

#### Environmental hazards

ADR/RID: -                      IMDG: -                      IATA: -

#### Special precautions for user

No data available.



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### 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 1907/2006/EC.

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### 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.