

## Safety Data Sheet

Minimum Essential Medium with Earle's Salts

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

#### 1.1 Product identifiers

Product name: Minimum Essential Medium with Earle's Salts

Cat. No.: MEM-A, MEM-STA, MEM-XA

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

Identified uses: Laboratory chemicals, Manufacture of substances

For research and development or in-vitro diagnostic use only.

Not for therapeutic use. Not for use on human subjects.

#### 1.2 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)

#### 1.3 Emergency telephone number

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

### SECTION 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

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

This substance is not classified as dangerous according to Directive 67/548/EEC.

#### 2.2 Label elements

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

#### 2.3 Other hazards

None.

### SECTION 3 Composition/Information on Ingredients

#### 3.1 Substances

Synonyms: MEM

No components need to be disclosed according to the applicable regulations.

### SECTION 4 First Aid Measures

#### 4.1 Description of first aid measures

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### **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.

### **In case of eye contact**

Flush eyes with water as a precaution.

### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

## **SECTION 5 Firefighting Measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use dry chemical.

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

No data available.

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for fire fighting if necessary.

### **5.4 Further information**

No data available.

## **SECTION 6 Accidental Release Measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas. For personal protection see section 8.

### **6.2 Environmental precautions**

No special environmental precautions required.

### **6.3 Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

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### 6.4 Reference to other sections

For disposal see section 13.

## SECTION 7 Handling and Storage

### 7.1 Precautions for safe handling

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

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

Store under inert gas. hygroscopic

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

### 7.3 Specific end uses

A part from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8 Exposure Controls/Personal Protection

### 8.1 Control parameters

**Components with workplace control parameters**

### 8.2. Exposure controls

#### Appropriate engineering controls

Handle in accordance with good 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 impervious chemical-resistant 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.

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### **Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### **Control of environmental exposure**

No special environmental precautions required.

## **SECTION 9 Physical and Chemical Properties**

### **9.1. Information on basic physical and chemical properties**

Appearance:	Form: liquid
	Colour: dark amber
Odor:	No data available.
pH:	No data available.
Water solubility:	No data available.

### **9.2. Other safety information**

No data available

## **SECTION 10 Stability and Reactivity**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

Stable under recommended storage conditions.

### **10.3. Possibility of hazardous reactions**

No data available.

### **10.4. Conditions to avoid**

No data available.

### **10.5. Incompatible materials**

Strong oxidizing agents.

### **10.6. Hazardous decomposition products**

Other decomposition products: No data available.

## **SECTION 11 Toxicological Information**

### **11.1. Information on toxicological effects**

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### Acute toxicity

No data available.

### 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.

### Potential health effects

- |                   |   |
|-------------------|---|
| <b>Inhalation</b> | May be harmful if inhaled. May cause respiratory tract irritation.  |
| <b>Ingestion</b>  | May be harmful if swallowed.  |
| <b>Skin</b>       | May be harmful if absorbed through skin. May cause skin irritation. |
| <b>Eyes</b>       | May cause eye irritation.   |

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Additional Information

RTECS: No data available.

## SECTION 12 Ecological Information

### 12.1. Toxicity

No data available.

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**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

No data available.

### SECTION 13 Disposal Considerations

**13.1. Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

### SECTION 14 Transport Information

**14.1. UN-number**

ADR/RID: -                      IMDG: -                      IATA: -

**14.2. UN proper shipping name**

ADR/RID:                      Not dangerous goods

IMDG:                      Not dangerous goods

IATA:                      Not dangerous goods

**14.3. Transport hazard class(es)**

ADR/RID: -                      IMDG: -                      IATA: -

**14.4. Packaging group**

ADR/RID: -                      IMDG: -                      IATA: -

**14.5. Environmental hazards**

ADR/RID: no                      IMDG Marine pollutant: no                      IATA: no

**14.6. Special precautions for user**

No data available.

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### SECTION 15 Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No data available.

**15.2. Chemical Safety Assessment**  
For this product a chemical safety assessment was not carried out.

### 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.