

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

Revision Date 18.05.2021

Version 000/05.2021

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

Product Identifiers

Product name: Minimal Essential Medium with Earle's Salts
Catalogue No: MEM-A, MEM-STA, MEM-XA

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

Emergency Telephone Number

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

Section 2 Hazards Identifications

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.

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

none

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

Revision Date 18.05.2021

Version 000/05.2021

Section 3 Composition/Information on Ingredients

Substances

Mixture

Synonyms:

MEM

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

Section 4 First Aid Measures

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 with plenty of water.

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

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Firefighting Measures

Extinguishing media

Suitable extinguishing media

Use dry chemical.

Unsuitable extinguishing media

No information available.

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

Revision Date 18.05.2021

Version 000/05.2021

Section 6 Accidental Release Measures

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

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. Wash area thoroughly after clean-up is complete.

Reference to other sections

For disposal see section 13.

Section 7 Handling and Storage

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 a 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.

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.

Section 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

General industrial hygiene and safety practice.

Personal protective equipment

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

Revision Date 18.05.2021

Version 000/05.2021

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

Respiratory protection not required. 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, red orange 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.
Vapor density	No data available.
Relative density	No data available.
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.

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

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Version 000/05.2021

Oxidizing properties

No data available.

Other safety information

No data available.

Section 10 Stability and Reactivity

Reactivity

Hazardous polymerization does not occur.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Other decomposition products: No data available.

Section 11 Toxicological Information

Information on toxicological effects

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.

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

Revision Date 18.05.2021

Version 000/05.2021

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

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes 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

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No bioaccumulation.

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.

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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

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Section 13 Disposal Considerations

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 of as unused product.

Section 14 Transport Information

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: no

IMDG: no

IATA: no

Special precautions for user

No data available.

Section 15 Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Safety Data Sheet

Minimal Essential Medium with Earle's Salts

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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.