

RMBIO Minimum Essential Media, Alpha Modification (Alpha MEM), 1X with Earle's Balanced Salt Solution, with L-glutamine, without nucleosides

1. Identification

- Product Name: Minimum Essential Media, Alpha Modification (Alpha MEM), 1X with Earle's Balanced Salt Solution, with L-glutamine, without nucleosides.
Cat No.: MEM-BBZ-XXX-002
- Recommended use of chemical and restrictions of use: Suitable for research and manufacturing only.
- Details of Supplier:
Company: Rocky Mountain Biologicals, LLC
Address: 6015 Greg's Way
Missoula, Montana 59808
USA
Telephone: 406-541-7624

2. Hazard Identification

- Classification of the substance or mixture: GHS Classification: None
- GHS label elements, including precautionary statements: Not a hazardous substance or mixture.
- Health Hazards: None
- Physical hazards: Not Hazardous
- Environmental Hazards: Not Hazardous
- Hazard Statements: Not Applicable
- Other hazards which do not result in classification: None.

3. Composition/Information on Ingredients

- Description: Liquid mixture
- Hazardous Components, Concentration, CAS No., and Classification: Not applicable
- CAS No.: Not applicable

4. First-aid measures

- Eye contact: Rinse immediately with fresh water at least 15 minutes. Remove contact lenses if signs/symptoms appear (rash, itchy etc.), immediately obtain medical attention.
- Skin contact: Wash the contaminated area of body with soap and fresh water. If signs/symptoms appear (rash, itchy etc.), immediately obtain medical attention. Wash contaminated clothing before reuse.
- Inhalation: Supply fresh air immediately. If signs/symptoms appear, seek medical attention. If breathing is difficult, give oxygen.
- Ingestion: Rinse mouth with water. If signs/symptoms appear, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
- Indication of immediate medical attention and special treatment needed: No data available

5. Fire-fighting Measures

- Suitable extinguishing media: Water spray, alcohol resistant foam, dry chemicals, or CO₂.
- Specific hazards arising from the chemical: Not known.
- Special protective equipment and precautions for fire fighters: Personal Protective Equipment (PPE). Avoid inhalation of the product or combustion products. In case of extinguishing fire, have available emergency

self-contained breathing apparatus.

6. Accidental release measures

- Personal precautions, protective equipment, and emergency procedures: Avoid skin and eye contact with vapor, mist, and gas. Avoid breathing vapors, mist, dust, or gas.
- Environmental precautions: Wipe up with damp sponge or mop. Do not let product enter drains.
- Methods and materials for containment and clean up: Soak up with inert absorbent material.

7. Handling and storage

- Precautions for safe handling: Keep container closed when not in use. For precautions see section 2.
- Conditions for safe storage, including any incompatibilities: Store 2-8°C. Store in a dry, well-ventilated area.
- Storage Class: Not applicable

8. Exposure controls/personal protection

- Exposure control parameters: Contains no substances with occupational exposure limit values.
- Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.
- Individual protection measures, such as personal protective equipment (PPE)
Respiratory protection: Required when ventilation is insufficient.
Eye protection: Safety goggles.
Skin protection: Wear impervious gloves. Properly dispose of contaminated gloves after use and wash and dry hands.
Body protection: Wear protective work clothing like a lab coat.

9. Physical and chemical properties

- Appearance: Transparent red liquid
- Odor: No data available
- pH: 7.0 – 7.6
- Melting point/Freezing point: No data available
- Initial boiling point and Boiling range: No data available
- Flash point: No data available
- Evaporation rate: No data available
- Flammability: Not flammable
- Upper/lower flammability or explosive limits: No data available
- Vapor pressure: No data available
- Solubility(ies): 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
- Molecular weight: No data available

10. Stability and Reactivity

- Chemical stability: It is stable under recommended

condition.

- Possibility of hazardous reactions: No data available
- Conditions to avoid: No data available.
- Incompatible materials: Avoid adding strong oxidizers.
- Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

- Information on the likely routes of exposure
Inhalation: May be harmful if inhaled.
Ingestion: May be harmful if ingested.
Skin: May cause skin and mucous membrane irritation.
Eyes: May cause eye irritation.
- Information on toxicological (health) effects
Acute toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/irritation: No data available
Respiratory or skin sensitization: No data available
Carcinogenicity: No data available
Germ cell mutagenicity: No data available
Reproductive toxicity: No data available
STOST-single exposure: No data available
STOST-repeated exposure: No data available
Aspiration hazard: No data available

12. Ecological information

- 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
- Other adverse effects: No data available

13. Disposal considerations

- Dispose of materials in accordance with federal (40 CRF 261.3), state, and local requirements. Leave chemicals in original containers.

14. Transport information

- DOT regulations: Not regulated.
- UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

15. Regulatory information

- SARA Section 355: None of the ingredients are listed.
- SARA Section 313: None of the ingredients are listed.
- SARA Section 311/312 Hazards: Acute Health hazard, Chronic Health Hazard
- TSCA: All ingredients are listed.
- California Proposition 65: None of the ingredients are listed.

16. Other information

- References:
- Date of preparation: 2022.07.05
- Date of last revision: 2022.07.05
- Remark:
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understand safe handling, storage, and disposal methods.

Abbreviation:

CAS: Chemical Abstracts Service
EINECS: European Inventory of Existing Commercial Substances
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG: International Maritime Dangerous Goods
IATA: International Air Transport Association