



Sunrise Science Products

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MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

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|----------------|---------------------|
| Catalog Number | MC101 |
| Product Name | DMEM ^{gfp} |

2. COMPOSITION / INGREDIENT INFORMATION

| Substance Name | CAS Number |
|-------------------------|-----------------|
| Proprietary formulation | Not applicable. |

3. HAZARDS IDENTIFICATION

| | |
|--------------|--|
| Skin contact | May cause allergic reaction or irritation. |
| Inhalation | May cause irritation of respiratory tract. |
| Ingestion | May be harmful if swallowed. |
| Eye contact | Avoid contact with eyes. |

4. FIRST AID MEASURES

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| General advice | In the case of accident or if the individual does not feel well, seek medical advice immediately. Show the label when possible. |
| Eye contact | Immediately flush with large amounts of water and seek medical attention. |
| Skin contact | Rinse with large amounts of water and seek medical attention. |
| Inhalation | Rinse outer nose with large amounts of water and seek medical attention. If not breathing, give artificial respiration and seek medical attention. |
| Ingestion | Wash out mouth with large amounts water. Do not induce vomiting without medical advice. Seek medical attention. |
| Medical conditions aggravated by exposure | None known. |

5. FIREFIGHTING MEASURES

| | |
|--------------------------------|----------------------------|
| Suitable extinguishing media | Material is not flammable. |
| Unsuitable extinguishing media | None. |
| Special protective equipment | None. |
| Explosion hazard | None. |
| Flash point | None. |
| Additional information | None. |

6. ACCIDENTAL RELEASE

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|---------------------------|---|
| Clean-up procedure | Wet: wear personal protective equipment, including gloves. Contain spreading and collect as a liquid or using a blotting agent. Follow local, state and federal regulations for chemical disposal. |
| Environmental precautions | None established. |

7. HANDLING AND STORAGE

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| Handling | Wear personal protective equipment suitable for handling liquid. Avoid eye and skin contact. Do not ingest. |
| Storage | Store at refrigerated to maintain optimal performance. |
| Incompatible products | None. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Engineering measures | None. |
| Personal protective equipment: Respiratory protection | None. |
| Hand protection | Chemical resistant gloves. |
| Skin and body protection | Normal clothing will provide sufficient skin and body protection. |
| Eye protection | Chemical safety glasses with side shields or a face shield. |
| Hygiene measures | Handle in accordance with established industrial hygiene and safety practices. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|-------------------|
| Formula | Proprietary |
| Physical state / form | Clear liquid |
| Melting point / range | No data available |
| Boiling point / range | No data available |
| Density | No data available |
| Vapor pressure | No data available |
| Evaporation pressure | No data available |
| Evaporation rate | No data available |
| Vapor density | No data available |
| Solubility in water | Soluble |
| Flash point | Not applicable |
| Autoignition temperature | Not applicable |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability | Stable under recommended storage conditions. |
| Polymerization | None. |
| Materials to avoid | None established. |
| Conditions to avoid | None. |
| Hazardous combustion or decomposition products | None established. |

11. TOXICOLOGICAL INFORMATION

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| General advice | This material should be handled with the standard caution and regulations accorded to potentially hazardous chemicals. |
| Chronic toxicity | No data available. |
| Local effects | May cause skin irritation. |

| | |
|----------------------|--------------------|
| Primary irritation | Skin |
| Carcinogenic effects | No data available. |

12. ECOLOGICAL INFORMATION

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|---------------------|--------------------|
| Mobility | No data available. |
| Bioaccumulation | No data available. |
| Ecotoxicity effects | No data available. |
| Aquatic toxicity | No data available. |

13. DISPOSAL INFORMATION

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|-------------------------------------|--|
| Waste from unused product / residue | Observe all Federal, State and local laws regarding chemical waste. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Processing, use or contamination of this product may change waste management options. |
| Contaminated packaging | Dispose as described for unused product. Do not reuse empty containers. |

14. TRANSPORT INFORMATION

DOT / IATA: Non-hazardous for transport.

15. REGULATORY INFORMATION

None.

16. OTHER INFORMATION

The material described herein is not for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise use of this material. The information and recommendations contained herein are based upon information believed to be reliable and provided to the best of our knowledge. The user should make independent decisions regarding completeness of the information based on all sources available. Sunrise Science Products shall not be held liable for incidental or consequential damages resulting from handling, use of these data or from contact with the above material.