



Sunrise Science Products

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MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

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

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

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

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

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

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

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

13. DISPOSAL INFORMATION

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.