



Sunrise Science Products

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MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

Catalog Number(s)	MC102
Product Name	DMEMgfp-2

2. COMPOSITION / INGREDIENT INFORMATION

Substance Name	CAS Number
DMEM (Dulbecco's Modified Eagle Medium)	None

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	Flush with water and seek medical attention
Skin contact	Rinse with water and seek medical attention
Inhalation	Move to fresh air and seek medical attention. If not breathing give artificial respiration and seek medical attention
Ingestion	Wash out mouth with water. Do not induce vomiting without medical advice. Seek medical attention.
Medical conditions aggravated by exposure	None known

5. FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing media suitable for surrounding conditions
Unsuitable extinguishing media	None
Special protective equipment	Self-contained breathing apparatus and protective clothing
Explosion hazard	None
Flash point	Not established
Additional information	Development of potentially toxic fumes in the event of fire

6. ACCIDENTAL RELEASE

Clean-up procedure	Wear personal protective equipment, including gloves and face mask. 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, including gloves and face mask. Avoid eye and skin contact. Do not ingest.
Storage	2 – 8°C
Incompatible products	None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation
Personal protective equipment: Respiratory protection	NIOSH / MSHA-approved face mask for normal handling
Hand protection	Compatible chemical resistant gloves
Skin and body protection	Normal clothing will provide sufficient skin and body protection. Protective outerwear may be used to protect clothing from splashes
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	Not applicable
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	No data available
Autoignition temperature	Will not auto-ignite

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Polymerization	None under normal storage and processing
Materials to avoid	None established
Conditions to avoid	None known
Hazardous combustion or decomposition products	None known

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	No data available
Primary irritation	Skin contact
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. ADDITIONAL 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 use of this information or from handling the material.