



Safety Data Sheet

DMEM, high glucose, L-Arginine-free

1. IDENTIFICATION OF THE PREPARATION/SUBSTANCE AND OF THE COMPANY

Preparation Name: DMEM, high glucose, L-Arginine-free

Catalogue number of the product: CC927-0500

Use of the preparation:

For laboratory use.

Company identification:

Genedirex, Inc.

Site: <http://www.genedirex.com>

2. HAZARDS IDENTIFICATION

IGHS - Classification

Signal Word	None
Health hazards	Not classified
Hazard Statements	Not Applicable

Precautionary Statements

Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
Other hazards	Not Applicable

HMIS

Health	0
Flammability	0
Reactivity	0

3. COMPOSITION/ INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST-AID MEASURES

Skin contact	Rinse with plenty of water. If symptoms arise, call a physician.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material.

Consult a physician if necessary.

Notes to Physician	Treat symptomatically.
--------------------	------------------------

Most important symptoms and effects, both acute and delayed	Not Applicable
---	----------------

5. FIRE-FIGHTING MEASURES

Extinguishing media	
Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Unsuitable extinguishing media	No information available.



Safety Data Sheet

Special hazards arising from the substance or mixture Not known.
Advice for fire-fighters Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.
Environmental precautions
No special environmental precautions required.
Methods and material for containment and cleaning up
Soak up with inert absorbent material.
Reference to other sections
See section 8 for more information

7. HANDLING AND STORAGE

Precautions for safe handling
Use personal protective equipment as required. .
Conditions for safe storage, including any incompatibilities
Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.
Specific end use(s)
For research use only

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	
Exposure Limits	Contains no substances with occupational exposure limit values.
Engineering measures	Ensure adequate ventilation, especially in confined areas
Exposure controls	
Personal Protective Equipment	
Respiratory protection	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
Hand protection	Wear suitable gloves Glove material: Compatible chemical-resistant gloves.
Eye protection	Tight sealing safety goggles
Skin and Body Protection	Wear suitable protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
Appearance	Liquid
Odor	No information available
Boiling point / boiling range	°C Mixture has not been tested °F Mixture has not been tested
Melting point / melting range	°C Mixture has not been tested °F No Mixture has not been tested
Flash point	°C No Mixture has not been tested °F No Mixture has not been tested
Autoignition Temperature	°C No Mixture has not been tested °F No Mixture has not been tested
Decomposition temperature	°C Mixture has not been tested °F Mixture has not been tested
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	Mixture has not been tested
Lower explosion limit	Mixture has not been tested



Safety Data Sheet

Vapor Pressure	Mixture has not been tested
Relative density	Mixture has not been tested
Specific gravity	No data available
Solubility	No data available
Partition coefficient:	
n-octanol/water	No data available
Explosive properties	Mixture has not been tested
Other information	No data available

10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	There is no evidence available indicating acute toxicity.
Principal Routes of Exposure	
Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

12. ECOLOGICAL INFORMATION

Toxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Results of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

14. TRANSPORT INFORMATION

IATA / ADR / DOT-US / IMDG



Safety Data Sheet

Not regulated in the meaning of transport regulations. UN number Not Applicable
UN proper shipping name Not Applicable
Transport hazard class(es) Not Applicable
Packing group Not Applicable
Environmental hazards Not Applicable
Special precautions for user Not Applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Applicable.

15. REGULATORY INFORMATION

US Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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. GeneDireX, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.