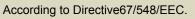
## **Material Safety Data Sheet**



Updated 3/2/2012



Section I - Product and Company Information	
Product Name	Cell Culture Media, Reagents and Primary Cells (For Research Use Only)
Product Number	
Product Classification	Cell Culture Reagents
Company and Contact Information	Cell Biologics, Inc. 2201 W Campbell Park Drive
	Chicago, IL 60612 USA
	Phone number: 312-226-8198, 312-355-1972
	US emergency phone number: 312-355-1972
	Fax number: 312-413-0222

Section II - Potential Hazards Information

This product are not hazardous as defined by OSHA 1910.1200 and according to Directive67/548/EEC.

Section III - Descreption of product

Cell Biologics cell culture systems are shipped either frozen in vials or live in cell culture flasks containing liquid cell culture medium (a mixture of components that may include, but are not limited to inorganic salts, vitamins, amino acids, carbohydrates, and other nutrients dissolved in sterile, filtered water)

#### Section IV -Health hazards

Biosafety Level 1 Cell Cultures	These cell cultures, as define d in the U. S. Government Publication Biosafety in
	Microbiological Laboratories (CDC, 1999), are not known to harbor a ny agent known to
	cause disease in he althy adult humans. This material has NOT been screened for
	hepatitis B, immuno deficiency viruses, or other adve ntitious agents unless otherwise
	indicated in the COA. Handle these cell culture systems as a potential biohazard subject
	to containment in, at minimum, a Biosafety Level 1 facility
Biosafety Level 2 Cell Cultures	The cell cultures define d in this categor y are known to contain an agent that requires
	handling at Bi osafety Level 2 (see United States Government Publication Biosafety in
	Microbiological and Biomedical Laboratories, 1999, issu ed by the Center for Diseas e
	Control). These agents have been associated with human disease. These cell cultures
	have NOT been scree ned for hep atitis B, hum an immunodeficiency viruses, or othe r
	adventitious agents unless otherwise indicated in the COA

#### Section V –Formulation and Ingredients Information

Product Name	MFM
CAS-No.	None
EC-No.	None

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Section VI - First Aid Measures	Section VI - First Aid Measures		
In Case of Contact with Eyes	Flush thoroughly with water and contact a physician.		
In Case of Accidental Swallowing	Rinse the mouth with fresh water, provided the person is conscious. Contact a physician.		
In Case of Inhalation	Remove to fresh air. Give oxygen if breathing becomes difficult. Contact a physician.		
In Case of Contact with Skin	Wash the affected area with soap and copious amounts of water. Should irritation occur,		
	contact a physician.		
Section VII - Fire-Fighting Measures			
Suitable Extinguishing Media	Water spray, carbon dioxide, dry chemical powder, or appropriate foam.		
Special Protective Equipment for Fire-Fighting	If necessary use self-contained breathing apparatus.		
Section VIII - Accidental Release Measures			
Methods for Cleaning Spills	Wear chemical-resistant gloves and safety-goggles. Wipe up spilled product using tissue-towels. Place waste in closed containers for disposal.		
Section IX - Handling and Storage			
Handling	Avoid contact with eyes, skin, mucous membranes, and clothing.		
Storage	Keep tightly closed. Protect from light. Store at -196°C.		
Section X - Personal Protection ar	nd Exposure Control Information		
Eye Protection	Safety glasses or goggles		
Protective Gloves	Chemical-resistant gloves		
Respiratory Protection	Not required		
Ventilation	Not required		
Other Protection Equipment	Safety shower and eye bath		
Section XI - Physical and Chemica	l Properties		
Physical State	Liquid		
Appearance	Clear solution		
рН	7.2 - 7.4		
Flash Point	N/A		
Flammability	N/A		
Oxidizing Properties	N/A		
Explosive Properties	N/A		
Vapor Pressure	N/A		
Section XII - Chemical Stability and Reactivity			
Product is stable. Hazardous polymerization will not occur.			

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#### Section XIII - Toxicological Data

To the best of our knowledge, the chemical, physical, toxicological properties have not been thoroughly investigated. May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled swallowed. Material may be irritating to mucous membranes upper respiratory tract.

#### Section XIV - Ecological Information

No data available.

#### Section XV - Disposal

Follow all federal, state, and local environmental regulations for disposal.

#### Section XVI - Transport Information

This product is not subject to any transport regulations.

#### Section XVII - Classification and Regulatory Information

In accordance to current EC-Regulations this product is exempt from specific labelling requirements

#### Section XVIII - Other Information / Disclaimer

Cell Biologics recommends that appropriate safety procedures be used when handling all cell culture systems. Detailed discussions of laboratory safety procedures are available in the journal Cell http://www.cell.com/; American Society for Cell Biology http://www.ascb.org; United States Government Publication, Biosafety in Microbiological and Biomedical Laboratories (CDC, 1999) http://www.cdc.gov.

The above information is correct to the best of our knowledge. All materials and mixture formulations may present unknown hazards and should be used with caution. The user should make independent decisions regarding the completeness of information based on all sources available. *Cell Biologics* shall not be held liable for any damage resulting from handling or contact with the above product.

The Cell Biologics emergency contact number: 312-226-8198

The Cell Biologics Company e-mail address: service@cellbiologics.com.