



## SAFETY DATA SHEET

Version 1

Issuing Date: 25-Feb-2020

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product Code(s)** CMM-100-110-001, CMM-100-110-005, CMM-100-120-001, CMM-100-120-005, M1001, M1003

**Product Name** iCell® Cardiomyocytes Maintenance Medium, iCell® Cardiomyocytes Plating Medium

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Product Use** For research use only.

**Uses advised against** No information available.

#### 1.3. Details of the supplier of the safety data sheet

##### **Supplier**

FUJIFILM Europe B.V.  
Oudenstaart 1  
5047 TK Tilburg  
The Netherlands

##### **Manufactured by**

FUJIFILM Cellular Dynamics, Inc.  
525 Science Drive  
Madison, WI 53711

#### For further information, please contact:

**Company Phone Number** U.S.A: 877-320-6688  
U.S.A: 608-310-5100

**E-mail Address** fcdi-support@fujifilm.com

#### 1.4. Emergency telephone number

<b>Europe</b>	+49 (0)211 5089 137 (9:00 a.m. to 6 p.m.)
<b>France</b>	CHEMTREC France: +(33)-975181407
<b>Germany</b>	CHEMTREC Germany: 0800-181-7059
<b>United Kingdom</b>	CHEMTREC UK: +(44)-870-8200418

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.3. Other hazards

No information available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

No dangerous ingredients according to Regulation (EC) No. 1907/2006

Full text of H- and EUH-phrases: see section 16

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.
<b>Skin contact</b>	Wash off immediately with plenty of water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	If swallowed, do not induce vomiting - seek medical advice.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

#### **Unsuitable Extinguishing Media**

No information available.

### 5.2. Special hazards arising from the substance or mixture

None known.

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**Hazardous Combustion Products**

Carbon oxides. Sodium oxides.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid contact with skin, eyes or clothing.

**6.2. Environmental precautions**

Prevent product from entering drains.

**6.3. Methods and material for containment and cleaning up**

Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

**6.4. Reference to other sections**

See section 7 for more information.  
See section 8 for more information.  
See Section 12 for additional Ecological Information.  
See section 13 for more information.

**7. HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep in properly labeled containers. Keep container tightly closed in a dry and well-ventilated place.

**7.3. Specific end use(s)**

For research use only.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limit value** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

<b>Eye Protection</b>	Tight sealing safety goggles.
<b>Hand Protection</b>	Wear protective gloves.
<b>Skin and body protection</b>	Long sleeved clothing.
<b>Respiratory protection</b>	Ensure adequate ventilation.

**General Hygiene Considerations** When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

**Environmental Exposure Controls** No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear	<b>Odor</b>	Slight
<b>Odor Threshold</b>	No information available	<b>Physical State @20°C</b>	Liquid
<b>pH</b>	No information available	<b>Flash point</b>	No information available
<b>Boiling point / boiling range</b>	No information available	<b>Decomposition temperature</b>	No information available
<b>Autoignition temperature</b>	No information available	<b>Freezing Point</b>	No information available
<b>Melting point / melting range</b>	No information available	<b>Flammability Limit in Air</b>	No information available
<b>Flammability (solid, gas)</b>	No information available	<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available	<b>Solubility</b>	No information available
<b>Specific Gravity</b>	No information available	<b>Vapor Pressure</b>	No information available
<b>Evaporation rate</b>	No information available	<b>Density</b>	No information available
<b>Vapor density</b>	No information available	<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Dynamic viscosity</b>	No information available		
<b>Other information</b>			
<b>Molecular Weight</b>	No information available		

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Excessive heat. Freezing.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

#### Product Information

<b>Acute toxicity</b>	
<b>Inhalation</b>	No known effects under normal use conditions.
<b>Eyes</b>	No known effects under normal use conditions.
<b>Skin</b>	No known effects under normal use conditions.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Component Information

No information available

#### Chronic toxicity

<b>Carcinogenicity</b>	None known.
<b>Corrosivity</b>	None known.
<b>Sensitization</b>	None known.
<b>Reproductive Toxicity</b>	None known.
<b>Mutagenic Effects</b>	None known.
<b>Target Organ Effects</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### **Ecotoxicity**

The environmental impact of this product has not been fully investigated

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Waste from residues/unused products**

Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

**IMDG**

Not regulated

**RID**

Not regulated

**ADR/RID**

Not regulated

**ICAO**

Not regulated

**IATA**

Not regulated

**Special precautions for users**

No information available.

### 15. REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 94/33/EC on the protection of young people at work.

#### International Inventories

**TSCA**

No

**EINECS/ELINCS**

No

**DSL/NDSL**

No

**AICS**

No

**NZIoC**

Yes

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**AICS** - Australian Inventory of Chemical Substances

#### 15.2. Chemical safety assessment

No information available.

### 16. OTHER INFORMATION

**Prepared By**

FUJIFILM Environment, Health and Safety, phone: (01) (800) 473-3854

**Revision Date** 25-Feb-2020

**Revision Note** CLP Annex VI harmonized classification(s) and/or available REACH registration information are the primary data sources referenced in determining the classification of this product.

**This safety data sheet complies with the requirements of: Regulation (EC) No 1272/2008.**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.