SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

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

Recommended use of the chemical and restrictions on use

Recommended use  For research use only

Uses advised against  No information available

Supplier
FUJIFILM Wako Pure Chemical Corporation
1-2 Doshomachi 3-Chome
Chuo-ku Osaka 540-8605, Japan

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

Company Phone Number  U.S.A: 877-320-6688
                        U.S.A: 608-310-5100
                        Singapore: 6862-2116
                        Japan: +81-6-6203-3741

Emergency Telephone  CHEMTREC Japan: +(81)-345209637
                     CHEMTREC China: 4001-204937
                     CHEMTREC Singapore: 800-101-2201
                     Transport-CHEMTREC Inside North America: 800-424-9300

E-mail Address  fcdi-support@fujifilm.com

Section 2: HAZARDS IDENTIFICATION

GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

GHS Label elements, including precautionary statements

None

Hazard Statements
Precautionary Statements

Prevention
Not applicable

Response
Not applicable

Storage
Not applicable

Disposal
Not applicable

Other hazards
None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

There are no ingredients present which require reporting in this section

Section 4: FIRST AID MEASURES

General advice
If symptoms persist, call a physician.

Eye contact
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.

Skin contact
Wash off immediately with plenty of water. Get medical attention if irritation develops and persists.

Ingestion
If swallowed, call a poison control center or physician immediately.

Inhalation
Remove to fresh air. If symptoms persist, call a physician.

Self-Protection of the First Aider
Use personal protection equipment.

Signs and Symptoms of Exposure
No information available.

Notes to physician
Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

Unsuitable Extinguishing Media
None known.

Specific hazards arising from the chemical
None known.

Hazardous Combustion Products
Carbon oxides. Sodium oxides.

Special protective equipment for fire-fighters
Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.
Section 6: ACCIDENTAL RELEASE MEASURES

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

Environmental precautions
Prevent product from entering drains.

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Use personal protective equipment as required. 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.

Section 7: HANDLING AND STORAGE

Handling

Technical measures
Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists.

General ventilation
Ensure adequate ventilation.

Precautions for safe handling
See section 8 for more information. See section 10 for more information.

Storage

Storage Conditions
Keep in properly labeled containers.

Packaging materials
Keep only in original packaging.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

Hand Protection
Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

Eye/Face Protection
If splashes are likely to occur, wear safety glasses with side-shields.

Skin and body protection
Suitable protective clothing.

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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
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<tr>
<td>Odor Threshold</td>
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<tr>
<td>pH</td>
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<tr>
<td>Boiling point / boiling range</td>
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<tr>
<td>Autoignition temperature</td>
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<tr>
<td>Melting point / melting range</td>
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<tr>
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<tr>
<td>Decomposition temperature</td>
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<tr>
<td>Freezing Point</td>
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</table>
Flammability Limit in Air  No information available
Oxidizing Properties  No information available
Specific Gravity  No information available
Evaporation rate  No information available
Vapor density  No information available
Dynamic viscosity  No information available

Other information
Molecular Weight  No information available
VOC (lb/gal)  No information available
VOC (g/l)  No information available

Section 10: STABILITY AND REACTIVITY

Reactivity
Stable under recommended storage conditions

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to Avoid
Excessive heat. Freezing.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
None known.

Section 11: TOXICOLOGICAL INFORMATION

Product Information

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

Numerical measures of toxicity - Product Information

ATEmix (oral)  >5000 mg/kg

Component Information
No information available

Carcinogenicity  None known.
Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: No information available.
Corrosivity: No information available.
Sensitization: No information available.
Mutagenic Effects: No information available.
Reproductive Toxicity: No information available.
Aspiration hazard: No information available.

STOT - single exposure: No information available.
STOT - repeated exposure: No information available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Bioaccumulation
No information available.

Mobility in soil
No information available.

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

Section 14: TRANSPORT INFORMATION

IMDG: Not regulated
ICAO: Not regulated
ADR/RID: Not regulated
IATA: Not regulated

Section 15: REGULATORY INFORMATION

International Inventories

<table>
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<tr>
<th>Inventory</th>
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<tbody>
<tr>
<td>ENCS</td>
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<tr>
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<tr>
<td>NCI</td>
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</tr>
</tbody>
</table>

Legend: _______
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
TCSI - Taiwan Chemical Substance Inventory  
TECI - Thailand Existing Chemical Inventory  
NCI - Vietnam National Chemicals Inventory

Industrial Safety and Health Law  Not applicable

China  
No information available

Korea  
No information available

Taiwan  
No information available

Singapore  
No information available

Indonesia  
No information available

Thailand  
No information available

Vietnam  
No information available

Section 16: OTHER INFORMATION

Revision Date 25-Feb-2020

Revision Note  
No information available.

Disclaimer  
This SDS complies with the requirements of JIS Z 7253:2019 and JIS Z 7252:2019(Japan). The information provided in this Material 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.

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