iCell® CardioTox Assay Medium

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: iCell® CardioTox Assay Medium
Product code: M1039
SAP Number: 92600000579
Product Use: For research use only.

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

SDSs are available at the following website(s):
https://fujifilmcdi.com

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

Emergency Telephone
Transport-CHEMTREC Inside NA: 800-424-9300
Transport-CHEMTREC Outside NA: 703-527-3887
Transport-CANUTEC Inside Canada: 613-996-6666
Medical Emergency (24 hour): 877-935-7387

E-mail: fcdi-support@fujifilm.com

2. HAZARDS IDENTIFICATION

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

GHS Label elements, including precautionary statements
Precautionary Statements

Prevention
Not applicable

Response
Not applicable

Storage
Not applicable

Disposal
Not applicable

Hazards not otherwise classified (HNOC)
Not classified

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

Description of first aid measures

General advice
Immediate medical attention is not required.

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.

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

Ingestion
If swallowed, do not induce vomiting - seek medical advice.

Most important symptoms and effects, both acute and delayed
None known.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

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

Explosion Data

Sensitivity to Mechanical Impact none
Sensitivity to Static Discharge none

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Prevent product from entering drains.

Methods and material for containment and cleaning up

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

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures below -20 °C / -4 °F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Ventilation systems
Individual protection measures, such as personal protective equipment

Eye/Face Protection  If splashes are likely to occur, wear safety glasses with side-shields.
Skin and body protection  Wear protective gloves/clothing.
Respiratory protection  None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, light pink, orange</td>
</tr>
<tr>
<td>Form</td>
<td>free of particulate matter</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>7.4</td>
</tr>
<tr>
<td>Specific Gravity</td>
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</tr>
<tr>
<td>Flash point</td>
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</tr>
<tr>
<td>Decomposition temperature</td>
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</tr>
<tr>
<td>Melting point / melting range</td>
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</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>Not available</td>
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<tr>
<td>Oxidizing Properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not available</td>
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<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
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<tr>
<td>VOC (lb/gal)</td>
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<tr>
<td>Dynamic viscosity</td>
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<tr>
<td>Physical state</td>
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<tr>
<td>Odor Threshold</td>
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<tr>
<td>Molecular Weight</td>
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<tr>
<td>Autoignition temperature</td>
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</tr>
<tr>
<td>Boiling point / boiling range</td>
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<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive Properties</td>
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</tr>
<tr>
<td>Partition coefficient</td>
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</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Density</td>
<td>Not available</td>
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<tr>
<td>VOC (g/l)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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
Temperatures above -20 °C / -4 °F.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Acute toxicity

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Non-irritating during normal use.</td>
</tr>
<tr>
<td>Eyes</td>
<td>Non-irritating during normal use.</td>
</tr>
<tr>
<td>Skin</td>
<td>Non-irritating during normal use.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Ingestion may cause stomach discomfort.</td>
</tr>
</tbody>
</table>

Component Information

No information available

Symptoms related to the physical, chemical and toxicological characteristics

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation       | Non-irritating during normal use. |
Corrosivity      | No information available.         |
Sensitization    | No information available.         |
Mutagenic Effects| No information available.         |
Reproductive Toxicity | No information available.     |
Carcinogenicity  | None known.                        |

STOT - single exposure | No information available. |
STOT - repeated exposure | No information available. |
Target organ effects   | None known.                      |
Aspiration hazard      | No information available.         |

Numerical measures of toxicity - Product Information

ATEmix (oral) >5000

ATE: Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Persistence and degradability

No information available.

Bioaccumulation
No information available

**Mobility**

No information available.

**Other adverse effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

**DOT**

Not regulated

**TDG**

Not regulated

**MEX**

Not regulated

**ICAO (air)**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**ADR**

Not regulated

**ADN**

Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>TSCA</td>
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</tr>
<tr>
<td>DSL/NDSL</td>
<td>No</td>
</tr>
<tr>
<td>PICCS</td>
<td>No</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>No</td>
</tr>
<tr>
<td>ENCS</td>
<td>No</td>
</tr>
<tr>
<td>IECSC</td>
<td>No</td>
</tr>
<tr>
<td>KECL</td>
<td>No</td>
</tr>
<tr>
<td>AIICS</td>
<td>No</td>
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</tbody>
</table>

*Yes - All component(s) of this product are included or are exempt from listing on the inventory.

*No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
I. U.S. Federal Regulations

**TSCA Sections 4, 5 and 12(b)**
This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**
Classification is shown in section 2 of this SDS.

**Clean Water Act.**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

II. U.S. State Regulations

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

III. U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

IV. International Regulations

**Canada - NDSL**
This product does not contain any NDSL chemicals.

**Mexico - Grade**
No information available.

**Mexico - Carcinogen Status and Exposure Limits**
No information available.

**Other Regulations**
No information available.
### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical properties</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
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**Prepared By**
FUJIFILM Environment, Health and Safety, phone: 800-473-3854

**Revision Date**
09-Jul-2021

**Revision Note**
No information available

**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.

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