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

<table>
<thead>
<tr>
<th>Product code</th>
<th>GUXMD-90011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Adipose-derived Stem Cell Growth Medium</td>
</tr>
</tbody>
</table>

**Company/Undertaking Identification**

Cyagen Biosciences Inc.
574 East Weddell Dr, Suite 6
Sunnyvale, CA 94089, U.S.A.
Tel: 800-921-8931

For research use only

2. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous/Non-hazardous Components**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

3. HAZARDS IDENTIFICATION

**Emergency Overview**

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

**Form**

Liquid
3. HAZARDS IDENTIFICATION

Principle Routes of Exposure/
Potential Health effects

- Eyes: No information available
- Skin: No information available
- Inhalation: No information available
- Ingestion: No information available

Specific effects

- Carcinogenic effects: No information available
- Mutagenic effects: No information available
- Reproductive toxicity: No information available
- Sensitization: No information available

Target Organ Effects: No information available

HMIS

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Skin contact: Wash off immediately with plenty of water
Eye contact: Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion: Never give anything by mouth to an unconscious person
Inhalation: Move to fresh air
Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical
Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Methods for cleaning up: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: No special handling advice required
Storage: Keep in properly labelled containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits
Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:
- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection: Protective gloves.
- Eye protection: Safety glasses with side-shields.
- Skin and body protection: Lightweight protective clothing.
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.
- Environmental exposure controls: Prevent product from entering drains.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**General Information**
- Form: Liquid

**Important Health Safety and Environmental Information**

<table>
<thead>
<tr>
<th>Property</th>
<th>°C No data available</th>
<th>°F No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point/range</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/range</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

- Stability: Stable.
- Materials to avoid: No information available.
- Hazardous decomposition products: No information available.
- Polymerization: Hazardous polymerisation does not occur.

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**
- **Potential Health effects**
  - Eye: No information available.
  - Skin: No information available.
  - Inhalation: No information available.
  - Ingestion: May be harmful if swallowed.

**Specific effects**
- Carcinogenic effects: No information available.
- Mutagenic effects: No information available.
- Reproductive toxicity: No information available.
12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Mobility</td>
<td>No information available.</td>
</tr>
<tr>
<td>Biodegradation</td>
<td>Inherently biodegradable.</td>
</tr>
<tr>
<td>Bioaccumulation</td>
<td>Does not bioaccumulate.</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Not classified as dangerous in the meaning of transport regulations</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>No information available</td>
</tr>
<tr>
<td>Subsidiary Class</td>
<td>No information available</td>
</tr>
<tr>
<td>Packing group</td>
<td>No information available</td>
</tr>
<tr>
<td>UN-No</td>
<td>No information available</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

International Inventories

U.S. 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 contain HAPs.

U.S. State Regulations

California Proposition 65
This product does not contain chemicals listed under Proposition 65

WHMIS hazard class:
Non-controlled
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

### 16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Cyagen Biosciences Inc. cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

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End of Safety Data Sheet