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

Product code  MUXEF-90011
Product name  Strain ICR Mouse Embryonic Fibroblast Growth Medium

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

<table>
<thead>
<tr>
<th>Eyes</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No information available</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No information available</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No information available</td>
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</table>

Specific effects

<table>
<thead>
<tr>
<th>Carcinogenic effects</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Mutagenic effects</td>
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</tr>
<tr>
<td>Reproductive toxicity</td>
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</tr>
<tr>
<td>Sensitization</td>
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</tbody>
</table>

Target Organ Effects | No information available

HMIS

<table>
<thead>
<tr>
<th>Health</th>
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<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</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>
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<th>°F No data available</th>
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<tbody>
<tr>
<td>Boiling point/range</td>
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<td></td>
</tr>
<tr>
<td>Melting point/range</td>
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<td></td>
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<tr>
<td>Flash point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
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<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
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<td>No data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
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</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

Principle Routes of Exposure/
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

Ecotoxicity effects
- No information available.

Mobility
- Inherently biodegradable.

Biodegradation
- Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA
- Not classified as dangerous in the meaning of transport regulations

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 CIFIR 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.

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End of Safety Data Sheet