

Safety Data Sheet

1. Identification of the substance/preparation and of the company/undertaking

Product name	ReproNeuro Maturation medium
Product code	RCESDN001, 002, 301, 302
Manufacturer/Supplier	ReproCELL, Inc.
Address	KDX Shin-yokohama 381 Bldg. 9F 3-8-11 Shin-yokohama, Kohoku-ku, Yokohama, Kanagawa, 222-0033, Japan
Telephone	+81-45-475-3887
Fax	+81-45-474-1006
E-mail	info_en@reprocell.com
Recommended use	Maturation medium for neurons derived from human ES/iPS cell
Restriction on use	This product should be used for research. Do not use for medical treatment or diagnosis.

2. Hazards identification

GHS classification according to Annex II	Not classified
Symbol	None
Signal word	None
Hazard statement	None
Precautionary Statements	None

3. Composition/information on ingredients

Product description: Mixture

4. First aid measures

Inhalation	Consult a physician.
Skin contact	Wash thoroughly with plenty of water and soap. Immediately take off/remove all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice/attention.
Eyes contact	Rinse cautiously with water for several minutes. Remove contact lenses, if wearing them and if possible.

Continue rinsing after removing contact lenses.

If eye irritation persists, get medical advice/attention.

Ingestion

Rinse the mouth with water and consult a physician immediately.

Show this product or this safety data sheet to the doctor in attendance.

5. Fire-fighting measure**Suitable extinguishing media**

Use general extinguishing media (water spray, foam, dry chemical, carbon oxide, dry sand).

Specific hazards arising from the mixture

No information available

Special protective actions

Remove container away from burning area if it is not risky to do so.

Do not move container into a place where it receives the heat of the fire.

Fire fighting equipments

Wear self-contained breathing apparatus and protective (heat-resistant) clothing.

6. Accidental release measure**Personal precautions, protective equipment and emergency procedure**

Prohibit entrance into the leakage area except for the persons concerned.

Ensure adequate ventilation before entering the enclosed space.

Wear a protective mask, protective gloves, protective clothing and eye protection.

Environmental precautions

Do not release into the environment.

Methods and materials for containment and cleaning

Absorb with non-combustible material (dry sand or earth).

Keep in suitable chemical containers for disposal.

7. Handling and storage**Precautions for safe handling**

Wear a protective mask, protective gloves, protective clothing and eye protection.

Wash hands thoroughly after handling.

Do not allow the material to get in the eyes, on skin, or on clothing.

Do not swallow.

Conditions for safe storage, including any incompatibilities

Keep the container tightly closed and store it in a locked place

Recommended storage temperature: between +2°C and +8°C or freezing

8. Exposure controls/personal protection**Control parameters**

No data available

Appropriate engineering controls

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Wear a protective mask and safety glasses.

Skin protection: Wear protective gloves and protective clothing.

Respiratory protection: No requirement equipments under normal conditions.

9. Physical and chemical properties

a) Appearance	Form: liquid Colour: Red, Transparent
b) Odour	None
c) Odour threshold	No data available
d) pH	Approximately 7.1–7.6
e) Melting point/Freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available

10. Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under the recommended storage and handling conditions.
Possibility of hazardous reactions	No information available
Conditions to avoid	No information available
Incompatible materials	No information available

Hazardous decomposition products No information available

11. Toxicological information

Acute toxicity No data available

Skin corrosion/irritation No data available

Serious eye damage /irritation No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Specific target organ toxicity

– single exposure No data available

Specific target organ toxicity

– repeated exposure No data available

Aspiration hazard No data available

12. Ecological information

Toxicity No data available

Persistence and Degradability Biodegradable

Bioaccumulation potential No data available

Mobility in soil No data available

13. Dispersal considerations

Disposal method Sterilize waste before disposal.

Dispose of waste in accordance with applicable national, regional, or local regulations.

Contaminated packaging Dispose in the same manner as unused product.

Special precautions Avoid dispersal of spilt material to soil, waterways, drains and sewers.

14. Transport information

	DOT	IATA/ICAO	IMO/IMDG	ADR/RID
UN number	-	-	-	-
UN proper shipping name	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
Transport hazard class	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	-	No	Marine pollutant: No	No

Special precautions for users

Avoid direct sunlight. Check whether the package is unbroken or sealed before transporting.

Make sure that there is no damage or corrosion and that packages remain upright during transportation.

Do not transport this product with food and animal feed.

15. Regulatory information

This is not a hazardous substance or mixture according to Regulation (EC) No.1272/2008 (EU-GHS/CLP).

This product is not classified as dangerous in according to Directive 67/548/EC or Directive 1999/45/EC.

All components of this product are listed in the inventory of TSCA.

16. Other information**References**

GHS Annex II /Guidance on the preparation of Safety Data Sheet(SDS)

The information in this SDS is based on the present state of our knowledge and available data. It does not represent any guarantee of the properties and hazard information. The precautions in this document are applicable to general handling in the laboratory. The appropriate safety measures should be followed in general use.

End of SDS