

SAFETY DATA SHEET

RUO-SDS-004-en-rev1
Revision Date: 05 Aug 2024

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

1.1 PRODUCT IDENTIFIERS

Product Name : Cellaris™ 1010 – Cell Labelling Kit (NIR-II)
Product Number : LCTC-1010

1.2 OTHER MEANS OF IDENTIFICATION

Luminicell Cell Tracker 1010, Luminicell LCTC 1010

1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

For Research Use Only. Not intended for any animal or human therapeutic or diagnostic use.

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company : Luminicell Pte Ltd
28 Ayer Rajah Crescent #06-05, Singapore 139959.
Telephone : +65 8808 2159
Email : info@luminicell.com

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
No components need to be disclosed according to the applicable regulations.

3.1 Mixtures

Component : Aqueous suspension organic material
 Classification : Confidential

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

After inhalation: fresh air.

In case of skin contact

Remove all contaminated clothing immediately. Rinse skin with soap and water.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: rinse mouth with plenty of water and drink water.
 Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling in section 2.2 and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, foam, dry chemical or carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

Product is not combustible. Ambient fire may liberate hazardous vapours.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas, observe emergency procedures, consult an expert if necessary.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Soak up with inert absorbent material.
Dispose of properly. Clean up affected area.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special handling advice required.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Recommended storage temperature: 2 – 8 °C. Do not freeze.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters.

8.2 Exposure controls

Personal protective equipment

Eye/face protection

Face shield and safety glasses.

Skin protection

Handle with protective gloves.

Body Protection

Protective clothing according to the specific workplace.

Respiratory protection

Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: liquid; Colour: blue
b) Odour	Odourless
c) Odour Threshold	No data available
d) pH	Between 6 to 8
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) Water solubility	Soluble
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
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.
Violent reactions possible with the generally known reaction partners of water.

10.4 Conditions to avoid

Storage below water freezing temperature (0 °C).

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Mixture

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reprdocutive 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

11.2 Additional Information

Not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bio accumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: N/A

IMDG: N/A

IATA-DGR: N/A

14.2 UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA-DGR:

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: N/A

IMDG: N/A

IATA-DGR: N/A

14.4 Packaging group

ADR/RID: N/A

IMDG: N/A

IATA-DGR: N/A

14.5 Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA-DGR: No

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture National regulatory information

OSHA Hazards:	No known OSHA hazards.
TSCA Classification:	Not in the list.
TDG Classification:	Not in the list.

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Luminicell Pte Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.luminicell.com and/or the invoice or packing slip for additional terms and conditions of sales.