# Safety Data Sheet

Revision Date: 2024.12.24 Version: 04

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

### 1.1 Product Identifiers

Product Name: Ready-to-use Human iPSC-Derived Mature Cerebral Organoids 100 day+

Catalog Number: CIPO-BWL002K

UFI: No information available.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: For Research Use Only.

### 1.3 Details of the supplier of the safety data sheet


| | | | |
|---|---|---|---|
| Switzerland: | | | |
| Company: | ACROBiosystems AG | Telephone: | +41-800-040-012 |
| Address: | Switzerland Innovation Park Basel Area AG Lichtstrasse 35 4056 Basel | Fax: | +1-888-377-6111 |
| Internet: | www.acrobiosystems.com | Emailaddress: | Customerservice@acrobiosystems.com |
| China: | (Headquarter and Manufacturing Center) | Telephone: | +86-010-67855298 |
| Company: | ACROBIOSYSTEMS CO., LTD | Fax: | +1-888-377-6111 |
| Address: | FLOOR 4, BUILDING 4. NO.8 HONGDA NORTH ROAD, BDA, BEIJING, CHINA | Emailaddress: | Customerservice@acrobiosystems.com |
| USA: | | Telephone: | +1-800-810-0816 |
| Company: | Acrobiosystems Inc. | Fax: | +1-888-377-6111 |
| Address: | 1 Innovation Way, Newark, DE 19711, USA | Emailaddress: | Customerservice@acrobiosystems.com |


### 1.4 Emergency Telephone Number

Emergency Tel: Switzerland: +41-800-040-012 / China: +86-010-67855298 / USA: +1-800-810-0816.

## 2. HAZARDSIDENTIFICATION

### 2.1 Classification of the substance or mixture

This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC, 1272/2008 [CLP], 1907/2006/EC, GHS and 29 CFR 1910.1200 [OSHA].

### 2.2 Label Elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other Hazards - None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

a. This product does not contain hazardous chemicals at concentrations of 1% or greater. This product is not known to contain carcinogens at concentrations of 0.1% or greater.
b. This product does not contain gaseous or non-gaseous mixtures above the exposure limits. This product is not known to contain persistent, bioaccumulative and toxic substances and endocrine disrupting properties. This product does not contain any substance classified as skin sensitizer.
c. This product does not contain any substance in nanoform.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General Advice**

Consult a doctor and show this safety data sheet.

**If Inhaled**

Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

**In Case of Skin Contact**

Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

**In Case of Eye Contact**

Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

**If Swallowed**

Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

Not applicable.

**4.3 Indication of immediate medical attention and special treatment needed**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

## 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing Media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

In combustion, may emit toxic fumes.

**5.3 Precautions for fire-fighters**

Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

## 6. ACCIDENTIAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Do not take action without suitable protective clothing-see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods and materials for containment and cleaning up**

Cover spillage with suitable absorbent material. Hold all material for appropriate disposal as described under section 13 of SDS.

**6.4 Reference to other sections**

For required personal protection equipment see section 8. For disposal see section 13.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure. Replace the contaminated clothing immediately and wash hands and face after using of the substances.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use.

**7.3 Specific end use(s)**

In addition to use mentioned in the Section 1.2, unforeseen other specific end uses.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Control parameters**

**Components with workplace control parameters**

Contains no substances with occupational exposure limit values and biological limit values.

**Derived No effect level (DNEL) & Predicted No Effect Concentration (PNEC)**

No data available.

**8.2 Exposure controls**

**Appropriate Engineering Controls**

Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

**Personal Protection Equipment**

**Eye / Face Protection**

Use appropriate safety glasses.

**Skin Protection**

Use appropriate chemical resistant gloves (minimum requirement use standard BS EN 374:2003). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

**Body Protection**

Wear appropriate protective clothing.

**Respiratory Protection**

If risk assessment indicates necessary, use a suitable respirator.

**Environment exposure controls**

No data available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | | | |
|---|---|---|---|
| **Appearance** | Lyophilized white powder or clear liquid. | **Vapor Pressure** | No data available. |
| **Odor** | Little to none. | **Vapor Density** | No data available. |
| **Odor Threshold** | No data available. | **Relative Density** | No data available. |
| **pH** | No data available. | **Solubility(ies)** | No data available. |
| **Melting / Freezing Point** | No data available. | **Partition Coefficient** | No data available. |
| **Boiling Point / Range** | No data available. | **Autoignition Temperature** | No data available. |
| **Flash Point** | No data available. | **Decomposition Temperature** | No data available. |
| **Evaporation Rate** | No data available. | **Viscosity** | No data available. |
| **Flammability (Solid, Gas)** | No data available. | **Explosive Properties** | No data available. |
| **Upper / Lower Flammability or Explosive Limits** | No data available. | **Oxidizing Properties** | No data available. |

### 9.2 Other safety information

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Heat, moisture.

### 10.5 Incompatible materials

Strong acids / alkalis, strong oxidising / reducing agents.

### 10.6 Hazardous decomposition products

Under recommended conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICALINFORMATION

### 11.1 Information on toxicological effects

**Acute Toxicity**

Classified based on available data, the classification criteria are not met.

**Skin Corrosion / Irritation**

Classified based on available data, the classification criteria are not met.

**Serious Eye Damage / Irritation**

Classified based on available data, the classification criteria are not met.

**Respiratory or Skin Sensitization**

Classified based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

Classified based on available data, the classification criteria are not met.

**Carcinogenicity**

Classified based on available data, the classification criteria are not met.

**Reproductive Toxicity**

Classified based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity-Single Exposure**

Classified based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity-Repeated Exposure**

Classified based on available data, the classification criteria are not met.

**Aspiration Hazard**

Classified based on available data, the classification criteria are not met.

**Symptoms / Routes of Exposure**

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be irritation of the throat.

Skin: There may be mild irritation at the site of contact.

Eyes: There may be irritation and redness.

Delayed / Immediate Effects: No known symptoms.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

No data available.

**Other information**

None

## 12. ECOLOGICALINFORMATION

**12.1 Toxicity**

No data available.

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative 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 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Additional information**

None

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

**Product**

Transfer to a suitable container and arrange for collection by specialized disposal company in accordance with national, regional, or local legislation.

**Contaminated Packaging**

Dispose of in a regulated landfill site or other method for hazardous or toxic wastes in accordance with national, regional, or local legislation.

## 14. TRANSPORT INFORMATION

Classified according to the criteria of the UN Model Regulations as reflected in the IMDG Code, ADR, RID, DOT and IATA.

**14.1 UN-Number**

Not applicable.

**14.2 UN proper shipping name**

Not applicable.

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Packaging group**

Not applicable.

**14.5 Environmental hazards**

No information available.

**14.6 Special precautions for users**

No information available.

**14.7 IMDG / ADR / RID / DOT-US / IATA**

Does not meet the criteria for classification as hazardous for transport.

## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010, (EU) 2017/542 and (EU) 2020/878.

**15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

| | |
|---|---|
| **TSCA (Toxic Substances Control Act) :** | Not applicable. |
| **SARA 313 :** | Not applicable. |
| **SARA 311 / 312 :** | Not applicable. |
| **CERCLA Reportable Quantity :** | Not applicable. |
| **California Proposition 65 :** | Not applicable. |

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been made for this product.

## 16. OTHER INFORMATION

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 present unknown hazards and should be used with caution. Since the Company 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.

End of safety data sheet.