



**CelluPro**  
赛普生物

# SAFETY DATA SHEET

According to Regulation GB/T 16483 and GB/T 17519

SDS Number CPDP097  
Product Number CPDP097

Version 1.01  
Revision Date 2026-01-01  
Issue Date 2026-01-01

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

Product name : DurePro EZ perfusion Medium  
Product type : Liquid  
Brand : CelluPro

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

Supplier : CelluPro, Ltd.  
60 Beijing Middle Road, Economic & Technological  
Development Area, Yantai, Shandong, China  
Postal code : 264006  
Telephone : +86 535-3573398  
E-mail : support@cellupro.cn

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

#### Relevant identified uses

Only for cell culture-related research and production, should not be used for medical, household or other purpose.

#### Uses advised against

Not applicable.

### Emergency telephone number

+86 535-3573480

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**SECTION 2: Hazards identification****Emergency Overview**

In case of emergency, provide this safety data sheet to the doctor on site. After skin contact: Remove contaminated material immediately. Take off all contaminated clothing. Wash skin thoroughly with water or shower. After eye contact: Rinse cautiously with plenty of water. Remove contact lenses if present and continue rinsing with ample water. Seek medical advice if any symptoms appear. After ingestion: Have the person drink water (up to 1 glass) immediately and observe. Seek medical advice if any symptoms appear. Non-flammable. Hazardous gases or vapors may be released in the event of fire.

**GHS classification of danger**

Not a hazardous substance or mixture.

**GHS label elements, including precautions****Label elements****Hazard pictogram**

Not applicable

**Signal word**

No signal word

**Physical and chemical hazards**

None known

**Health hazards**

None known

**Environmental hazards**

None known

**Other hazards**

None known

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**SECTION 3: Composition/information on ingredients****Substances/Mixtures**

Mixture

**Mixtures**

None known within the current knowledge of the supplier.

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**SECTION 4: First aid measures****Description of first aid measures****Inhalation**

No data available

**Skin contact**

In case of skin contact: Remove immediately and take off all contaminated clothing. Rinse skin thoroughly with plenty of water or shower.

**Eye contact**

After eye contact: Rinse immediately with a large amount of water. Remove contact lenses if present and continue rinsing with ample water. Seek medical attention if necessary.

**Ingestion**

After ingestion: Drink water immediately (up to one glass) and observe. Rinse mouth with water. If discomfort occurs, seek medical attention.

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

See the most important known symptoms and effects in Section 11.

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

No specific data

**Note to physicians**

This mixture is a high-purity, chemically-defined formulation primarily consisting of cell culture-grade components such as amino acids, vitamins, sugars, inorganic salts, and trace elements. It is intended to provide nutrition for mammalian cell culture and is not intended for human use.

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**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Water spray, dry powder, foam or carbon dioxide

**Unsuitable extinguishing media**

No limitations for the substance/mixture

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

The properties of the decomposed product are not fully characterized.  
Hazardous gases may be released in the event of fire.

**Advice for firefighters**

Standard procedures for responding to chemical fires.

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**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation to avoid breathing vapors/aerosols.  
Put on appropriate personal protective equipment.  
See section 8 for more information.

**Environmental precautions**

Do not let product enter drains.

**Methods and material for containment and cleaning up**

Cover the drains. Pick up, contain, and pump off spills into a properly closed container for disposal.

Absorb with inert absorbent materials and dispose of as chemical waste. Clean up the affected area.

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**SECTION 7: Handling and storage****Precautions for safe handling**

Wash skin thoroughly after operation.

Wear protective gloves/eyewear/masks.

**Conditions for safe storage, including any incompatibilities****Storage conditions**

Store in a dry area. The packaging container must be tightly sealed.

**Storage stability**

Recommended storage temperature is 2-8 °C

Away from light.

**Stability After Opening**

Once opened, the stability of the product decreases significantly due to exposure to moist air and potential contaminants.

It is recommended to mark the opening date on the packaging.

Use the product as soon as possible and avoid repeated opening.

For any remaining product after prolonged opening, its potency may have decreased, and it is not recommended for use in critical experiments.

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**SECTION 8: Exposure controls/personal protection****Control parameters****Occupational exposure limits**

No substances of occupational exposure limits included.

**Exposure controls****Appropriate engineering controls**

Change contaminated clothing and wash hands and face after handling chemical products.

**Individual protection measure****Respiratory protection**

If ventilation is inadequate, please wear a respirator and its components that comply with government protection standards.

**Hand protection**

Wear appropriate protective gloves.

Glove material: Compatible chemical-resistant gloves.

**Eye protection**

Tightly sealed goggles.

**Skin/body protection**

Wear appropriate protective clothing.

**Sanitary measure**

Operate in accordance with good industrial hygiene and safety practices.

**Environmental exposure controls**

Do not let product enter drains.

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**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

|    |                                              |                                          |
|----|----------------------------------------------|------------------------------------------|
| a) | Appearance                                   | Physical state: liquid                   |
| b) | Odor                                         | Faint characteristic odor                |
| c) | Odor threshold                               | No data available                        |
| d) | Ph                                           | 6.0-8.0                                  |
| 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) | Vapor pressure                               | No data available                        |
| l) | Vapor density                                | No data available                        |
| m) | Density/Relative density                     | Approx. 1.015g/cm <sup>3</sup><br>(25°C) |
| n) | Solubility(ies)                              | Freely soluble(25°C)                     |
| 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                        |

**Other safety information**

No data available

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**SECTION 10: Stability and reactivity****Reactivity**

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No data available

**Chemical stability**

The product is chemically stable under normal conditions of storage and use (room temperature)

**Possibility of hazardous reactions**

No data available

**Conditions to avoid****High temperature**

Avoid exposure to temperatures above the storage conditions (e.g., > 8°C) prior to use. Elevated temperatures can accelerate chemical degradation of unstable components in the mixture.

**Strong light exposure**

Avoid prolonged direct light or ultraviolet (UV) exposure. Light-sensitive components may undergo photolysis, leading to reduced potency.

**Incompatible materials**

Avoid storage or contact with incompatible substances such as strong oxidizing agents.

No known hazardous reactions are expected under normal conditions of use.

**Hazardous decomposition products**

No hazardous decomposition products are generated under normal storage and usage conditions.

In the event of a fire, harmful substances may be produced upon decomposition. The nature of the decomposed product is not fully characterized.

**Other decomposition products**

No data available

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**SECTION 11: Toxicological information****Information on toxicological effects****Mixture****Acute toxicity**

No evidence of acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Eye contact: no data available

**Skin corrosion/irritation**

The mixture may cause skin irritation

**Serious eye damage/eye irritation**

The mixture may cause severe eye irritation.

**Respiratory or skin allergies**

The mixture may cause allergies.

**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

**Annotation**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been fully studied.

The nature of the hazard cannot be excluded, but it should not occur under proper treatment.

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**SECTION 12: Ecological information****Ecotoxicity**

No substances that are hazardous to the environment or cannot be degraded in waste water treatment plants included.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects**

No data available

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**SECTION 13: Disposal considerations****Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Empty

containers or liners may retain some product residues. The mixture container must be disposed of according to standard disposal techniques. Disposal of this product, solutions or any by-products should comply with all appropriate local, regional, or national/federal regulations.

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## SECTION 14: Transport information

### UN number

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### UN proper shipping name

ADR/RID: None-dangerous goods

IMDG: None-dangerous goods

IATA-DGR: None-dangerous goods

### Transport hazard class(es)

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### Packing group

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### Environmental hazards

ADR/RID: no                      IMDG/ Marine                      IATA: no  
pollutant: no

### Special precautions for user

No data available

### Incompatible materials

Strong oxidant

### Other information

Not classified as hazardous by transport regulations.

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## SECTION 15: Regulatory information

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

#### Applicable regulations

If applicable, this chemical complies with the requirements of State Council Decree No. 645 “Regulations on the Safety Management of Hazardous Chemicals” (2013 Revision).

This product is not listed in the “Hazardous Chemicals Inventory (2025 Edition)”.

The safety classification of this product conforms to the Chinese national standard “Specifications for Classification and Labelling of Chemicals” (GB 30000 series).

#### Other regulations

Please note that waste disposal should also meet the requirements of local regulations.

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**SECTION 16: Other information**

To the best of our knowledge, the information contained herein is accurate and used as a guidance only. The information in this document is based on our current knowledge and is applicable to the product with regard to appropriate safety tips. It is not to be considered a warranty of the properties of the product. CelluPro, Ltd. assumes no liability for any damage caused by handling or contact with the above product.

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