



CelluPro
赛普生物

SAFETY DATA SHEET

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

SDS Number CPDP051
Product Number CPDP051

Version 1.01
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name : CelliMax MetaCHO 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

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

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

Mixture

Mixtures

None known within the current knowledge of the supplier.

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.

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.

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.

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.

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.

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. 1.008g/cm ³ (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

SECTION 10: Stability and reactivity**Reactivity**

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

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.

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

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.

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.

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.

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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