



## SAFETY DATA SHEET:

**CELLiST™ Basal Media**  
**Model No. BASAL10**

*The information is provided as a service to our customers and is intended only for their use.  
 This information is based on technical information believed to be reliable and will be revised  
 as new knowledge or experience is gained.*

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Version 02

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**1. Chemical Product and Company Identification**

Identification of the substance: CELLiST™ Basal Media  
 (Model No. BASAL10)  
 Use of the substance: Cell culture medium  
 Company identification: Ajinomoto Co., Inc.

**Contact for Correspondence**

Ajinomoto Co., Inc.  
 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo  
 104-8315, Japan  
 Tel N°: +81-(0)3-5250-8111  
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**2. Hazards Identification**GHS Classification of the substance

Physical hazards: Not applicable  
 Health hazards: Acute toxicity (oral) (Category 4)  
 Environmental hazards: Aquatic environmental toxicity: acute (Category 3)  
 Aquatic environmental toxicity: long term (Category 3)  
 Eye irritation(Category 2B)

Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H302 Harmful if swallowed

H320 Eye irritation

H412 Harmful to aquatic life with long-lasting effects

Precautionary Statement:

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product

P273 Avoid release to the environment.

P301+P312 If swallowed: Call a Poison Center/doctor/physician/ if you feel unwell.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P330 Rinse mouth

P337+313: If eye irritation persists, get medical advice/attention

P501 Dispose of contents/container as instructed in Section 13

Potential effects:

May cause eye and skin irritation.

Will increase the biological oxygen demand (BOD) of water.

**3. Composition, Information on Ingredients**

Substance or Mixture: Mixture

## Composition

Amino Acids	38%
Sugars	31%
Inorganic salts	20%
Buffers	9%
Organic salts	1%
Vitamins	1%
Nucleic acids	<1%
Others	<1%

## Hazardous components

Chemical name	CAS No.	% by weight	Related hazard
Calcium chloride	10043-52-4	<2.0%	H302

**4. First-Aid Measures**

Inhalation: Immediately relocate to a fresh air environment. Rinse mouth with water. If not breathing, give artificial respiration. If breathing becomes difficult, give oxygen and seek medical attention.

Skin Contact: Wash with soap and copious amount of water. If irritation persists, seek medical attention.

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. If contact lenses are being worn, remove lenses and continue rinsing. Seek medical attention.

Ingestion Rinse mouth with water and seek medical attention.

**5. Fire-fighting measures**

Flash point (method used):

Not known

Flammable limits:

Not known

Extinguishing media:

Water spray, carbon dioxide, dry chemical powder/foam

Special firefighting procedures:

Minimize dust formation

Unusual fire and explosion hazards:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Upon combustion will result in carbon monoxide, carbon dioxide and nitrogen oxide being released.

**6. Accidental release measures**

Personal precautions, protective equipment:

Use personal protection, see section 8.

Precautions for the environment:

Do not discharge into sewer, river, underground water, etc.

Recovery, neutralization:

Make spills wet to prevent the generation of dust and then, sweep up into a closed container.

Method for containment and clean-up:

After recovering, wash away spilled area with plenty of water.

**7. Handling and storage**

Handling:

Follow good industrial practice in housekeeping and personal hygiene.

Storage:

Wear personal protective equipment as outlined in section 8.

Store in closed containers in a dry and cool (2-8°C) area. Avoid humidity, sunlight and high temperature.

**8. Exposure controls/personal protection**

Respiratory protection:

Dust mask or appropriate respirator. Utilize local exhaust ventilation.

Protective gloves:

Rubber

Eye protection:

Chemical safety goggles

Other protective equipment:

Wear appropriate laboratory apparel, protect exposed skin.



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Occupational exposure limits: Not established

**9. Physical and chemical properties**

Appearance: Yellow white to pale yellow, powder  
 Melting point: No data available  
 Solubility: No data available  
 pH: 5.7 - 6.4

**10. Stability and reactivity**

Chemical stability: Stable under recommended storage conditions  
 Conditions to avoid: Humidity and high temperature  
 Incompatibility (materials to avoid): No data available  
 Hazardous decomposition products: No data available  
 Hazardous reactions: No data available

**11. Toxicological information**

Acute oral toxicity: No data available  
 Sensitization: No data available  
 Mutagenicity: No data available  
 Primary skin irritation: May cause skin irritation. No specific data available  
 Primary eye irritation: May cause eye irritation. No specific data available

**12. Ecological information**

Toxic effects to fish, algae, and daphnia: No data available  
 Potential for bioaccumulation: No data available  
 Biodegradability: No data available  
 WGK class (Europe): No data available

**13. Disposal considerations**

Dispose of the material as you would with a non-hazardous material in accordance with all applicable national, state and local regulations.

**14. Transport information**

Avoid humidity and high temperature. Prevent damage of the container.  
 UN-Classification: Not classified  
 US Department of Transportation proper shipping name: None  
 IATA: Not classified

**15. Regulatory information**

None especially.  
 The information given in this MSDS does not replace the users own assessment of workplace risk as required by national, state and local health and safety legislation.

**16. Other information**

The information contained in this MSDS is, to the best of our knowledge, true and accurate. Any recommendations or suggestions made are guarantee, since the conditions of use are beyond our control.