

## SAFETY DATA SHEET

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

#### Product identifier

**Product name:** Easy Plate EB (61978)

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

**Identified uses:** Enterobacteriaceae count

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

**Company name:** Kikkoman Biochemifa Company  
**Address:** 2-1-1, Nishi-Shinbashi, Minato-ku, Tokyo 105-0003, Japan  
**Telephone number:** +81-3-5521-5493  
**Fax number:** +81-3-5521-5498  
**e-mail address:** biochemifa@mail.kikkoman.co.jp

### SECTION 2: Hazards identification

#### Hazards identification

##### GHS Classification:

[Health hazards]

Reproductive toxicity : Category 1B  
Specific target organ toxicity : Category 2  
(single exposure) < central nervous system, visual organ, systemic toxicity>  
Specific target organ toxicity : Category 2<central nervous system, visual organ >  
(repeated exposure)

#### Label elements

##### Pictogram



##### Signal word

: Danger

##### Hazard statement

: May damage fertility or the unborn child.  
May causes damage to central nervous system, visual organ and systemic toxicity.  
May causes damage to central nervous system and visual organ through prolonged or repeated exposure.

##### Precautionary statement

[Prevention]

: Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/gas. Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves.

[Emergency response]

: If exposed or concerned: Call a doctor.

[Storage]

: Store locked up.

[Disposal]

: Dispose of contents/container to in accordance with local/regional/national/international regulation.

##### Other hazard

: No information

##### [Note]

As of the date of this document, all items regarding “Physical hazards”, “Health hazards” and “Environmental hazards” are “Not classified”, “Not applicable for classification” or “Classification not possible”.

### SECTION 3: Composition/information on ingredients

**Distinction of a chemical substance or a mixture:** a mixture

**Information on ingredients:**

|   | Ingredients          | CAS RN    | EC No.    | Concentration (wt%) |
|---|----------------------|-----------|-----------|---------------------|
| 1 | Polysaccharide       | -         | -         | 50-80               |
| 2 | Polyvinylpyrrolidone | 9003-39-8 | 618-363-4 | 10-20               |
| 3 | Glycerin             | 56-81-5   | 200-289-5 | 5-10                |
| 4 | Medium nutrition     | -         | -         | 20-30               |
| 5 | Methanol             | 67-56-1   | 200-659-6 | <3.0                |

\* The impurities or stabilizer which contributes to a classification: None

(Substrate and cover film)

|   |   |
|---|---|
| 1 | Polypropylene substrate                   |
| 2 | Polypropylene film                        |
| 3 | Ethylene-vinyl acetate copolymer hot melt |
| 4 | Synthetic rubber hot melt adhesive        |

### SECTION 4: First aid measures

**Description of first aid measures**

|              |   |
|--------------|---|
| IF INHALED   | Inhale fresh air.                               |
| IF ON SKIN   | Gently wash skin with plenty of water and soap. |
| IF IN EYES   | Rinse eyes with plenty of water.                |
| IF SWALLOWED | Rinse mouth and throat thoroughly with water.   |

\* If symptoms occur, see a doctor.

### SECTION 5: Firefighting measures

**Suitable extinguishing media**

Water spray, carbon dioxide, foam, dry chemicals, sand

**Unsuitable extinguishing media**

No information

### SECTION 6: Accidental release measures

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

Wear protective gloves.

**Environmental precautions**

All media, supplements, and reagents must be sterilized after use.

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

Same as above.

### SECTION 7: Handling and storage

**Precautions for safe handling**

Release of hazardous substances is not expected in normal usage.

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

at 2-8°C (Store in the refrigerator)

### SECTION 8: Exposure controls/personal protection

**Personal protective equipment**

|                          |                          |
|--------------------------|--------------------------|
| Hand protection          | Protective gloves        |
| Eye protection           | Safety glasses (goggles) |
| Skin and body protection | Protective clothing      |

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |  |
|---|--|
| Appearance<br>(physical state, form and colour) | Form: Sheet<br>Colour: Substrate white<br>Cover film transparent<br>Medium area between Orange to Yellow |
| Odor  | Cheese-like odor   |
| Melting/Freezing point                          | No information   |
| Initial boiling point and boiling range         | No information   |
| Flammability                                    | No information   |
| Upper/lower flammability or explosive limits    | No information   |
| Flash point                                     | No information   |
| Auto-ignition temperature                       | No information   |
| Decomposition temperature                       | No information   |
| pH  | No information   |
| Viscosity                                       | No information   |
| Solubility                                      | No information   |
| Partition coefficient: n-octanol/ water         | No information   |
| Vapour pressure                                 | No information   |
| Relative density                                | No information   |
| Vapour density                                  | No information   |
| Particle characteristics                        | No information   |

## SECTION 10: Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity and chemicals stability | Stable under recommended storage conditions.            |
| Possibility of hazardous reactions | No hazardous reactions expected under normal handling.  |
| Conditions to be avoided           | No information  |
| Incompatible materials             | No information  |
| Hazardous decomposition products   | Toxic, irritating dust or smoke may be emitted by fire. |

## SECTION 11: Toxicological information

|                                   |   |
|-----------------------------------|---|
| Acute toxicity                    | No information  |
| Skin corrosion / irritation       | No information  |
| Serious eye damage / irritation   | No information  |
| Respiratory or skin sensitization | No information  |
| Germ cell mutagenicity            | No information  |
| Carcinogenicity                   | No information  |
| Reproductive toxicity             | Methanol (Category 1B)<br>This product has a methanol concentration of $\geq 0.3\%$ , so it was classified as Category 1B.  |
| STOT-single exposure              | Methanol (central nervous system, visual organ, systemic toxicity: Category 1)<br>This product has a methanol concentration of $\geq 1.0\%$ and $<10\%$ , so it was classified as Category 2. |
| STOT-repeated exposure            | Methanol (central nervous system, visual organ: Category 1)<br>This product has a methanol concentration of $\geq 1.0\%$ and $<10\%$ , so it was classified as Category 2.                    |
| Aspiration hazard                 | No information  |

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**SECTION 12: Ecological information**

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|                               |                |
|-------------------------------|----------------|
| Toxicity                      | No information |
| Persistence and degradability | No information |
| Bioaccumulative potential     | No information |
| Mobility in soil              | No information |
| Hazard to the ozone layer     | No information |

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**SECTION 13: Disposal considerations**

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**Waste treatment methods**

All media, supplements, and reagents must be sterilized at autoclaving after use. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environmental agency for specific rules).

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**SECTION 14: Transport information**

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|                            |                |
|----------------------------|----------------|
| UN number                  | Not applicable |
| UN proper shipping name    | Not applicable |
| Transport hazard class(es) | Not applicable |
| Packing group              | Not applicable |

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**SECTION 15: Regulatory information**

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

|   |  |
|---|--|
| <b>Industrial Safety and Health Law</b>                 | Chemical Substances Requiring Labelling and Delivery of Documents (Law Article No. 57, 57-2)<br>Chemical Substances Hazardous to Skin, etc. (Regulations Article No. 594-2)<br>Methanol (Annex 9 No.560) |
| <b>Poisonous and Deleterious Substances Control Law</b> | Not applicable   |
| <b>PRTR Law</b>   | Not applicable   |
| <b>The Fire Laws</b>                                    | Not applicable   |

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**SECTION 16: Other information**

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**References:**

- 1) GHS classification results by the Japanese Government (NITE CHRIP)
- 2) JIS Z 7252 : 2019
- 3) JIS Z 7253 : 2019
- 4) Globally Harmonized System of classification and labeling of chemicals, (6<sup>th</sup> ed., 2015), UN

**[Disclaimer]**

This SDS is according to JIS Z 7253: 2019

GHS Classification is according to JIS Z7252: 2019

\*JIS: Japanese Industrial Standards

This SDS has been prepared based on the best available information however, it may not be sufficient in some cases. It is user's responsibility to modify or update any contents in this SDS regarding information on hazardous properties and/or instruction for safe handling of the product when they become available. Precautionary measures in this SDS are only applicable for normal handling conditions and it is necessary to take appropriate additional measures to ensure safe handling which depend on your specific use conditions or situations.