SAFETY DATA SHEET

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

Product identifier

Product name: Easy Plate EC (61975)

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

Identified uses: For *E. coli* & coliform 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 (single exposure)	: Category 2 < central nervous system, visual organ, systemic toxicity>
Specific target organ toxicity (repeated exposure)	: Category 2<central nervous system, visual organ >

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	-	-	50-70
2	Polyvinylpyrrolidone	9003-39-8	-	10-20
3	Medium nutrition	-	-	10-20
4	Polyethylene glycol	25322-68-3	500-038-2	5-15
5	Methanol	67-56-1	200-659-6	<2.0

* 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℃ (Store in the refrigerator)

SECTION 8: Exposure controls/personal protection

Personal protective equipment

Hand protection : Protective gloves.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance (physical state, form and colour)	Form: Sheet Colour: Substrate white Cover film transparent Medium area light 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) This product has a methanol concentration of ≥ 0.3%, so it was classified as Category 1B.
STOT-single exposure	Methanol (central nervous system, visual organ, systemic toxicity: Category 1) This product has a methanol concentration of ≥ 1.0% and <10%, so it was classified as Category 2.
STOT-repeated exposure	Methanol (central nervous system, visual organ: Category 1) This product has a methanol concentration of ≥ 1.0% and <10%, so it was classified as Category 2.
Aspiration hazard	No information

SECTION 12: Ecological information

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

SECTION 13: Disposal considerations

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).

SECTION 14: Transport information

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

SECTION 15: Regulatory information

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

Industrial Safety and Health Law	Law Article No. 57, 57-2 Chemical Substances Requiring Labelling and Delivery of Documents Methanol (Annex 9 No.560)
Poisonous and Deleterious Substances Control Law	Not applicable
PRTR Law	Not applicable
The Fire Laws	Not applicable

SECTION 16: Other information

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, (6th 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.