

**SAFETY DATA SHEET****SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

**Product name:** LuciPac A3 Surface (60361), LuciPac A3 Surface 40 (60362)  
LuciPac A3 Filter Assay (Product content [LuciPac A3 Surface])

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

**Identified uses:** ATP + ADP + AMP Hygiene Monitoring test (swab test),  
LuciPac A3 Filter Assay.

**Details of the supplier of the safety data sheet**

**Name of manufacturer in Japan:** 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:** Not applicable

[Note]

As of today, all items regarding “Physical Hazards”, “Health Hazards” and “Environmental hazards” are “Not applicable for classification” or “Classification not possible”

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

**Distinction of a chemical substance or a mixture:** (1) Luminescent reagent / a mixture  
(2) Releasing reagent / a mixture

**Information on ingredients:** Contributes to a classification: None

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

**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 chemical powder, dry sand.

**Unsuitable extinguishing media**

No information.

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

Wear suitable protective equipment described in “Section 8: Exposure controls / personal protection”.

**Environmental precautions**

Protect spills from entering drains. Avoid releasing to the environment.

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

In the case of powders, sweep it up with a vacuum cleaner. In the case of liquid, absorb it on sawdust or waste cloth and collect it to a container. In the case of small quantity, wipe it off.

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

Do not handle until all safety precautions have been read and understood.

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

Keep aluminum bag (with dehumidifying function) tightly sealed. Store at 2-8°C and protect from light. Do not freeze.

**SECTION 8: Exposure controls/personal protection****Personal protective equipment**

Hand protection	: Protective gloves as needed.
Eye protection	: Protective glasses or safety goggles as needed.

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

Appearance (physical state, form and colour)	: (1) Luminescent reagent: White lyophilizate (2) Releasing reagent: Clear and colorless liquid
Odour	: (1), (2) None
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	: (2) 8.0-9.0
Solubility	: No information
Partition coefficient: n-octanol/ water	: No information
Kinematic viscosity	: No information
Vapour pressure	: No information
Density and / or relative 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 information
Conditions to be avoided	: Sunlight, high temperature, oxidizing agent, hydroxyl group.
Incompatible materials	: No information
Hazardous decomposition products	: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> ), Phosphorus oxide.

**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	: No information
STOT-single exposure	: No information
STOT-repeated exposure	: No information
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**

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).

After contents are completely removed, dispose of its container in accordance with local/regional/national/international regulation.

**SECTION 14: Transport information**

<b>UN number</b>	: Not applicable
<b>UN proper shipping name</b>	: Not applicable
<b>Transport hazard class(es)</b>	: Not applicable
<b>Packing group</b>	: Not applicable

**SECTION 15: Regulatory information****Safety, health and environmental regulations/ legislation specific for the substance or mixture**

<b>Industrial Safety and Health Law</b>	: Not applicable
<b>Poisonous and Deleterious Substances Control Law</b>	: Not applicable
<b>PRTR Law</b>	: Not applicable
<b>The Fire Laws</b>	: 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, (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.

**SAFETY DATA SHEET****SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier****Product name:** Releasing reagent FA**Relevant identified uses of the substance or mixture and uses advised against****Identified uses:** For LuciPac A3 Filter Assay**Details of the supplier of the safety data sheet****Name of manufacturer in Japan:** 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:** Not applicable

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**SECTION 8: Exposure controls/personal protection**

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**Personal protective equipment**

Hand protection : Protective gloves as needed.  
Eye protection : Protective glasses or safety goggles as needed.

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**SECTION 9: Physical and chemical properties**

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**Information on basic physical and chemical properties**

Appearance : Clear and colorless liquid  
(physical state, form and colour)  
Odour : None  
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 : 8.0-9.0  
Solubility : No information  
Partition coefficient: n-octanol/ water : No information  
Kinematic viscosity : No information  
Vapour pressure : No information  
Density and / or relative density : No information  
Particle characteristics : No information

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**SECTION 10: Stability and reactivity**

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Reactivity and chemicals stability : Stable under recommended storage conditions.  
Possibility of hazardous reactions : No information  
Conditions to be avoided : Sunlight, high temperature, oxidizing agent,  
hydroxyl group.  
Incompatible materials : No information  
Hazardous decomposition products : Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>),  
Nitrogen oxides (NO<sub>x</sub>), Phosphorus oxide.

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