

## SAFETY DATA SHEET

---

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

---

#### 1. Product identifier

**Product name:** LuciPac A3 Surface (Pre-Moistened) (60367)  
(1) Enzyme solution  
(2) Substrate solution  
(3) Moistening solution

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

**Identified uses:** ATP + ADP + AMP Hygiene Monitoring test

#### 3. 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:** 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 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.

symptoms occur, see a doctor.

---

### SECTION 5: Firefighting measures

---

#### 1. Extinguishing media

Water spray, carbon dioxide, foam, dry chemical powder, dry sand.

#### 2. Special hazards arising from the substance or mixture

Toxic, irritating dust or smoke may be emitted.

**3. Advice for fire fighters**

Wear normal protective equipment and self-contained breathing apparatus if necessary.

**SECTION 6: Accidental release measures****1. Personal precautions, protective equipment and emergency procedures****For emergency responders:**

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

**2. Environmental precautions**

Protect spills from entering drains.

Do not allow to enter public sewers and watercourses.

Avoid releasing to the environment.

**3. 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****[Handling]**

Technical measures	: Refer to section 8. Use appropriate protective equipment
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood.

**[Storage]**

Appropriate storage condition	: Store at 2-8°C and protect from light.
-------------------------------	--

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

[Facilities measures]	: Place washstand for hands and eyes as needed
-----------------------	--

**[Personal Protection]**

Respiratory protection	: Gas mask as needed.
Hand protection	: Protective gloves as needed.
Eye protection	: Protective glasses or safety goggles as needed
Skin and body protection	: Protective clothing with long sleeves as needed

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

Appearance (physical state, form and colour)	(1) (2) (3), Clear and colorless liquid
Odour	(1) (2) (3), None
Initial boiling point and boiling range	No information
Boiling point or initial boiling point and boiling range	No information
Flammability	No information
Lower and upper explosion limit / flammability limit	No information
Flash point	No information
Auto-ignition temperature	No information

Decomposition temperature	No information
pH	(1)7-8, (2) No information, (3) 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, oxidizing agent, heat
Incompatible materials	: Oxidizing agent
Hazardous decomposition products	: Carbon monoxide, carbon dioxide, nitrogen oxides.

---

**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>1. UN number</b>	Not applicable
<b>2. UN proper shipping name</b>	Not applicable
<b>3. Transport hazard class(es)</b>	Not applicable
<b>4. Packing group</b>	Not applicable
<b>5. Environmental hazards</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) 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 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.