

SAFETY DATA SHEET

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

1. Product identifier

Product name: LuciPac A3 Surface (60361), LuciPac A3 Surface 40 (60362)
(1)Luminescent reagent
(2)Releasing reagent

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

Identified uses: ATP + ADP + AMP Hygiene Monitoring test (swab 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: (1)Luminescent reagent **Not applicable**
(2)Releasing reagent **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 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

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 : Keep container tightly closed.
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) Luminescent reagent : White lyophilizate
(2) Releasing reagent : Clear and colorless liquid
- Odour (1), (2) None
- Initial boiling point and boiling range No information
- Flash point No information
- Vapour pressure No information
- Relative density No information
- Auto-ignition temperature No information

SECTION 10: Stability and reactivity

| | |
|------------------------------------|---|
| Reactivity and chemicals stability | : Stable under recommended storage conditions. |
| 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

No information

SECTION 12: Ecological information

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

| | |
|--------------------------------------|----------------|
| 1. UN number | Not applicable |
| 2. UN proper shipping name | Not applicable |
| 3. Transport hazard class(es) | Not applicable |
| 4. Packing group | Not applicable |
| 5. Environmental hazards | Not applicable |

SECTION 15: Regulatory information

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

| | |
|---|----------------|
| Industrial Safety and Health Law | Not applicable |
| Poisonous and Deleterious Substances Control Law | Not applicable |
| PRTR Law | Not applicable |
| The Fire Laws | Not applicable |

SECTION 16: Other information

References:

- 1) NITE CHRIP
- 2) JIS Z 7252 : 2014
- 3) JIS Z 7253 : 2012
- 4) Globally Harmonized System of classification and labeling of chemicals, (6th 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.