

**SAFETY DATA SHEET**  
**MONOPOTASSIUM L-GLUTAMATE**

**SDS No. 043-1**

**1. PRODUCT AND SUPPLIER IDENTIFICATION**

Ingredient	CAS number	Name and address of manufacturer:
See section 3	19473 - 49 - 5	VEDAN (VIETNAM) ENTERPRISE CORPORATION LIMITED
EC number: 243 - 094 - 0		National Road 51, Hamlet 1A, Phuoc Thai village, Long Thanh District, Dong Nai Province, Vietnam
Common name of the substance: See section 3		Tel: (+84)251-3825111 Fax: (+84)251-3825138
Trade name:		Emergency phone number:(+84)1800.599.902
Recommended use: Used as a flavour enhancer in food processing. The content and target audience comply with Circular No. 24/2019/TT-BYT dated 30/08/2019 issued by Ministry of Health on food additives management and use.		Contact address in case of emergency: VEDAN (VIETNAM) ENTERPRISE CORPORATION LIMITED Tel: (+84)251-3825111, Emergency phone number:(+84)1800.599.902

**2. HAZARDS IDENTIFICATION**

**a) GHS classification and information classified in accordance with available valid data provided by countries, areas or testing organizations**

The product is not classified as a dangerous substance according to Vietnamese law and European Union law.

**b) GHS label elements**

In Vietnam: Labeling contents are under the guidance of Decree 43/2017/NĐ-CP on goods labels and Decree 111/2021/NĐ-CP amendment to some articles of government's Decree no 43/2017/NĐ-CP dated April 14, 2017 on good Label, Circular 32/2017/TT-BCT specifying and guiding the implementation of some articles of chemical law and decree 113/2017/ND-CP dated October 9, 2017 of the Government detailing and guiding the implementation of some articles of chemical law.

For export: Labeling contents are according to legal regulations of importing countries.

**Precautionary statements**

Products which are unlikely to cause unsafety, in conditions of transport, storage and preservation, for proper use and for the right purpose, without causing harm to humans, animals, plants, property and the environment.

**Storage instructions**

See section 7.

**Instructions for use:**

Used as a flavour enhancer in food processing. The content and target audience comply with Circular No. 24/2019/TT-BYT dated 30/08/2019 issued by Ministry of Health on food additives management and use.

**c) Other hazards**

No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name of the substance	Ingredient	CAS number	Content
Monopotassium L-Glutamate	Monopotassium L-Glutamate	19473 - 49 - 5	100%

### 4. FIRST-AID MEASURES

#### a) Measures relevant to the route of exposure

- Accident in case of eye exposure (splashed, touched on the eyes): rinse out with water.
- Accident in case of skin exposure (touched on skin): wash off with water.
- Accident in case of respiration exposure (breathing under form of vapor, gas): Under normal conditions for use, product is not considered a hazard when inhaled.
- Accident in case of ingestion exposure (eating, drinking, swallowing): Consult doctor if feeling unwell.

#### b) Most important symptoms/effects, acute and delayed

No data available.

#### c) Indication of immediate medical attention and special treatment needed

No data available.

### 5. FIRE-FIGHTING MEASURES

#### a) Suitable extinguishing media: Water, foam.

#### b) Toxic substances emitted from fires

Practically non-Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Nitrogen oxides may develop in event of fire.

#### c) Special protective equipment and precautions for fire fighting.

Suitable extinguishing media are stored in the immediate neighborhood. Do not stay in the danger zone without suitable protection clothing and self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

#### a) Personal protective equipment and emergency procedures

- Personal protective equipment: See section 8.
- Emergency procedures: Avoid generation of dust; do not inhale dust.

#### b) Environmental precautions: Do not allow to enter sewerage system.

#### c) Methods and materials for containment and cleaning up

Take up dry. Forward for disposal. Clean up affected area.

### 7. HANDLING AND STORAGE

#### a) Measures and requirements for safe handling (e.g., ventilation, only using in closed systems, using explosion-proof electrical equipment, internal transport, etc.)

Need to equip personal protective according to item 8

#### b) Measures and requirements for safe storage (e.g., temperature, arrangement, limits to sources of explosion and avoidance of storing some chemicals together, etc.).

Store in a cool and dry place. Keep away from the direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**a) Control parameters** (e.g., occupational exposure limit values or biological limit values)

The product does not contain any substances that need to control limit values of occupational exposure.

**b) Appropriate engineering controls**

Protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective equipment to product should be ascertained with the respective supplier.

**c) Individual protection measures and personal protective equipment**

- Respiratory protection: required when dusts are generated.
- Eye protection: required
- Hand protection: not required
- Industrial hygiene: Wash hands after working with substance. Change contaminated clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

a) Physical state: crystalline powder.

b) Boiling point ( $^{\circ}\text{C}$ ): not available

c) Color: White

d) Melting point ( $^{\circ}\text{C}$ ): not available

đ) Particular odour : Odorless

e) Flash point( $^{\circ}\text{C}$ ) (Flash point) by determination method: not available

g) Vapor pressure (mm Hg) at standard temperature, pressure : No information

h) Self-ignition temperature ( $^{\circ}\text{C}$ ): not available

i) Gas proportion (air = 1) at standard temperature, pressure: not applicable

k) Upper flammability/explosive limits (% of mixture with air): not available

l) Solubility in water: soluble in water

m) Lower flammability/explosive limits (% of mixture with air): not available

n) pH (2% solution): 6.7 - 7.3

o) Evaporation rate: not applicable

p) Relative density ( $\text{kg/m}^3$ ): not available

q) Other property if any: No information

## 10. PRODUCT STABILITY AND REACTIVITY

**a) Possibility of reactions**

Reacts with strong oxidizing agents.

**b) Stability** (heat resistance, sensitivity to the effects of friction, shock, etc.)

Stable under recommended conditions of use and preservation.

**c) Dangerous reactions** (corrosion, fire, explosion...)

No hazardous reactions under normal conditions of use and storage.

**d) Conditions to avoid** (Ex: electrostatic, vibration, shaking ...)

No information

**d) Incompatible materials**

No information

**e) Decomposition reaction and products of the decomposition reaction**

- Hazardous decomposition products in the event of fire: see section 5.
- Further information: releases water of crystallization when heated.

## 11. TOXICOLOGICAL INFORMATION

### a) Information about the likely routes of exposure

- Accident in case of eyes exposure: No information.
- Accident in case of skin exposure: No information.
- Accident in case of inhalation exposure: Under normal conditions for use, this product is not considered a hazard when inhaled.
- Accident in case of ingestion exposure: After uptake of large quantities: Nausea, vomiting, dyspnoea.

### b) Symptoms related to product, toxicological and ecotoxicological characteristics

No information.

### c) Immediate, delayed and chronic effects from short-term and long-term exposure

No toxic effects are to be expected when the product is used appropriately.

### d) Numerical measures of toxicity (acute toxicity estimates)

No information

## 12. ECOLOGICAL INFORMATION

### a) Ecotoxicity (aquatic and terrestrial): No Information

### b) Persistence and degradability: No information.

### c) Bioaccumulative potential: No information.

### d) Mobility in soil: No information.

### d) Other adverse effects: No information

## 13. DISPOSAL CONSIDERATIONS

- **Product:** Observe local and national environmental regulations on disposal.
- **Packaging:** Disposal of the packaging as applied to the product.

## 14. TRANSPORT INFORMATION

- The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
- Transportation must be dry, clean, having roof covering and non strange smelt can affect to product quality.

## 15. REGULATORY INFORMATION

### Shall comply with:

- Law on Product and Goods Quality No. 05/2007/QH12.
- Law on Food Safety No. 55/2010/QH12.
- QCVN 4-1:2010 / BYT "National technical regulation on food additives – enhancer”.
- Decree 43/2017/NĐ-CP on goods labels and Decree 111/2021/NĐ-CP amendment to some articles of government's Decree no 43/2017/NĐ-CP dated April 14, 2017 on good Label, Circular 32/2017/TT-BCT specifying and guiding the implementation of some articles of chemical law and decree 113/2017/ND-CP dated October 9, 2017 of the Government detailing and guiding the implementation of some articles of chemical law.

- Other relevant legal documents.

## 16. OTHER INFORMATION

**Date of compiling slip:** 27/05/2023

**Latest date of modification, addition:**

**Name of compiling organization or individual:** VEDAN (VIETNAM) ENTERPRISE CORPORATION LIMITED

**Note for reader:**

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.