

SAFETY DATA SHEET

GA-100 BIO

SDS No. 045-2

1. CHEMICAL AND SUPPLIER IDENTIFICATION

CAS number: 5995-86-8	Name and address of manufacturer: VEDAN VIETNAM ENTERPRISE CORP., LTD. <u>National Road 51, Hamlet 1A, Phuoc Thai Village,</u> <u>Dong Nai Province, Vietnam</u> Tel: (+84)251-3825111, Fax: (+84)251-3825138 Free Hotline: (+84)1800.599.902
UN number: N/A	
Common name of the substance: GALLIC ACID MONOHYDRATE	
Trade name: GA-100 BIO	
Other name (not scientific name):	
Recommended use: Used as an additive for industry Restrictions on use: Not known	Contact address in case of emergency: VEDAN VIETNAM ENTERPRISE CORP., LTD. Tel: (+84)251-3825111, Free Hotline: (+84)1800.599.902

2. HAZARDS IDENTIFICATION

a) Classification according to GHS

Serious Eye Damage/Eye Irritation: Category 2B

b) Label elements according to GHS

- Symbol: No symbol

- Signal word: Warning

Hazard Statement: Causes eye irritation.

- Precautionary Statement

❖ Prevention: Wash thoroughly after handling

❖ Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

❖ Storage

❖ Disposal

c) Other hazards: No information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name of the substance	CAS number	Content (% by weight)
Gallic acid monohydrate	5995-86-8	≥ 99.0%

4. FIRST-AID MEASURES

a) Measures relevant to the route of exposure:

- Accident in case of eye exposure (splashed, touched on the eyes): Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.
- Accident in case of skin exposure (touched on skin): Gently wash with plenty of soap and water.
- Accident in case of respiration exposure (breathing hazardous chemicals under form of vapor, gas): Remove person to fresh air and keep comfortable for breathing.
- Accident in case of ingestion exposure (eating, drinking, swallowing chemicals): Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

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

No information

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

Get medical attention if symptoms occur

5. FIRE-FIGHTING MEASURES

a) Suitable extinguishing media

Water spray, powder.

b) Toxic substances emitted from fires

No information.

c) Special protective equipment and precautions for fire fighting.

Use goggles in combination with dust mask, and other protections as appropriate to situation.

Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

6. ACCIDENTAL RELEASE MEASURES

a) Personal protective equipment and emergency procedures

Use mask, goggles and protective gloves.

Keep away from sources of ignition and prepare extinguishing media.

Large spills : Remove person to safety. Ensure adequate ventilation. Treat from upwind position.

b) Environmental precautions

Do not discharge into the drains, surface waters or ground water directly.

c) Methods and materials for containment and cleaning up

Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.

7. HANDLING AND STORAGE**a) Measures and requirements for safe handling:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Use local exhaust ventilation, in case of generation of dust.

Keep away from source of ignition. Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion. Avoid contact with bases.

b) Measures and requirements for safe storage:

Keep container tightly closed. Store in a well-ventilated place. Keep away from source of ignition. Do not store with alkalies.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**a) Control parameters**

Occupational Exposure Limits: None of the components have assigned exposure limits.

b) Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in case of generation of dust.

c) Individual protection measures and personal protective equipment

- Eye/face protection: Safety glasses with side shield (Safety goggles or Face shield).
- Hand Protection: Rubber gloves.
- Other: Full-body suit.
- Respiratory Protection: Use dust mask, as appropriate to situation.
- Hygiene measures: No information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid (Crystalline or powder)

Boil point (°C): No information

Color: White to pale yellow

Melting point (°C): 240 - 300 °C/464 - 572 °F

Particular odour: Odorless

Burning point (°C) (Flash point) by determination method:
No information

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

Self-ignition temperature (°C): No information

Gas proportion (air = 1) at standard temperature, pressure: No information

Above limit of concentration of fire, explosion (% of mixture with air): No information

Solubility in water: Slightly Soluble Solubility (other): Insoluble in chloroform and ether	Below limit of concentration of fire, explosion (% of mixture with air): No information
pH value (at 20 °C): No information	Vapor percentage: No information
Density (kg/m ³): No information	Decomposition Temperature: 240 - 300 °C/464 - 572 °F
	Flash Point: > 200 °C/> 392 °F Method: Setaflash Closed Cup No sustained combustibility

10. CHEMICAL STABILITY AND REACTIVITY

a) Possibility of reactions:

No data available.

b) Stability:

Material is stable under normal conditions. Gradually oxidized in air.

c) Dangerous reactions:

Violently reacts with strong oxidants. Risk of dust explosion.

d) Conditions to avoid:

Avoid contact with oxidizing agents. Avoid exposure to high temperatures or direct sunlight.

e) Incompatible materials:

Avoid contact with strong oxidizing agents.

f) Decomposition reaction and products of the decomposition reaction:

Carbon monoxide

11. TOXICOLOGICAL INFORMATION

- Accident in case of eye exposure: No data available.
- Accident in case of skin exposure: No data available.
- Accident in case of respiration exposure: No data available.
- Accident in case of ingestion exposure: No data available.
- Further data: No data available.

12. ECOLOGICAL INFORMATION

a) Ecotoxicity (aquatic and terrestrial): No data available.

b) Persistence and degradability: No data available.

c) Bioaccumulative potential: No data available.

d) Mobility in soil: No data available.

d) Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Product: Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. This product may cause risk of dust explosion.

Packaging: No data available.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Domestic Standard: In compliance with domestic law.

15. REGULATORY INFORMATION

Vietnam: Not Regulated

TSCA:	On or in compliance with the inventory
DSL:	On or in compliance with the inventory
AICS:	On or in compliance with the inventory
KECI (KR):	Contact us for information
ENCS (JP):	On or in compliance with the inventory
ISHL (JP):	On or in compliance with the inventory
PICCS (PH):	On or in compliance with the inventory
IECSC:	On or in compliance with the inventory
REACH (EU):	Contact us for information
TCSI:	On or in compliance with the inventory

16. OTHER NECESSARY INFORMATION

Date of compiling slip: 13/12/2023

Latest date of modification, addition: 30/10/2025

Name of compiling organization or individual: VEDAN VIETNAM ENTERPRISE CORP., LTD.

Note for reader:

The information contained in this Safety Data Sheet is correct to our best knowledge. It characterizes the product with regard to the appropriate safety precautions. However, it does not represent a guarantee of the properties of the product. Noticeably, the condition of use can be variable and may not be valid for using in combination with any other material on in any process out of the text. We will not be responsible for any damage resulting from handling or contact with the above product.