

SAFETY DATA SHEET

ORGANIC MALTODEXTRIN AND MALTODEXTRIN

SDS No. 039-4

1. PRODUCT AND SUPPLIER IDENTIFICATION

Ingredient: See section 3	Name and address of manufacturer: VEDAN VIETNAM ENTERPRISE CORP., LTD National Road 51, Hamlet 1A, Phuoc Thai village, Long Thanh District, Dong Nai Province, Vietnam Tel: (+84)251-3825111, Fax: (+84)251-3825138 Emergency phone number:(+84)1800.599.902
CAS number: 9050-36-6	
EC number: 232-940-4	
Common name of the substance: See section 3	
Trade name: Like the common name of the substance	Contact address in case of emergency: VEDAN VIETNAM ENTERPRISE CORP., LTD Tel: (+84)251-3825111, Emergency phone number:(+84)1800.599.902
Recommended use: Used as material in industrial food processing.	

2. HAZARDS IDENTIFICATION

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

Combustible Dust - Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

b) GHS label elements

In Vietnam: Labeling contents are under the guidance of Decree 43/2017 / ND-CP and Decree No. 111/2021/NĐ-CP amendments to some articles of government's Decree No 43/2017/ND-CP dated april 14, 2017 on goods labels; 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

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

Storage instructions

See section 7.

Instructions for use

Used as material in industrial food processing.

c) Other hazards

No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name of the substance	Ingredient	CAS number	<u>Chemical formula</u>	Content (% by weight)
Organic Tapioca Maltodextrin	Maltodextrin	9050-36-6	-	100
Organic corn Maltodextrin	Maltodextrin	9050-36-6	-	100
Organic rice Maltodextrin	Maltodextrin	9050-36-6	-	100
Tapioca Maltodextrin	Maltodextrin	9050-36-6	-	100
Corn Maltodextrin	Maltodextrin	9050-36-6	-	100
Rice Maltodextrin	Maltodextrin	9050-36-6	-	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 plenty of water with the eyelid held wide open. Immediately take to eye specialist.
- Accident in case of skin exposure (touched on skin): Wash off with soap and plenty of water – Get medical attention if irritation persists.
- Accident in case of respiration exposure (breathing under form of vapor, gas): Remove to fresh air.
- Accident in case of ingestion exposure (eating, drinking, swallowing): Not a direct hazard - Consult a physician 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

Carbon dioxide, water spray, foam.

b) Toxic substances emitted from fires

Nitrogen oxides, CO, CO₂, smoke and unidentified organic compounds may be formed during combustion.

c) Special protective equipment and precautions for fire fighting.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and wear self contained breathing apparatus for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

a) Personal protective equipment and emergency procedures

Personal protective equipment: See section 8.

Emergency procedures: Minimize dust generation and accumulation. Dust is explosive. Eliminate ignition sources. Beware of slippery conditions.

Need to equip personal protective according to item 8.

b) Environmental precautions

Leakage can cause pollution. Precautions should be taken to prevent from spreading or entering drains.

c) Methods and materials for containment and cleaning up

Avoid generation of dust. Remove all sources of ignition. Ensure that the equipment is adequately grounded. Dispose of contents/container in accordance with local/regional/national/international regulations.

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.)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take care for general good hygiene and housekeeping.

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 at room temperature in a dry, ventilated, sealed packaging. Not to be mixed with the flammable, explosive. Avoid generation of dust.

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: If respirable dusts are generated, respiratory protection is required.

- Eyes/Face protection: If eye contact is likely, wear chemical resistant safety goggles.
- Hand protection: Use protective gloves for prolonged or repeated contact. When material is heated, wear gloves to protect against thermal burns. Wear suitable protective clothing.
- Hygiene measures: General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a) Physical state: Solid, Powder.
- b) Boiling point (°C): No information
- c) Color: Light brown or White
- d) Melting point (°C): No information
- đ) Particular odour : Feature odor of the product, non strange odor.
- e) Flash point(°C) by determination method: No information
- g) Vapor pressure (mm Hg) at standard temperature, pressure : No information
- h) Self-ignition temperature (°C): No information
- i) Gas proportion (air = 1) at standard temperature, pressure: No information
- k) Upper flammability/explosive limits(% of mixture with air): No information
- l) Solubility in water: Soluble in hot water
- m) Lower flammability/explosive limits (% of mixture with air):
No information.
- n) pH: No information
- o) Evaporation rate: No information
- p) Relative density (kg/m³): No information
- 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 ordinary conditions of use and storage.

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

No hazardous reactions under normal conditions of use and storage.

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

Avoid generation of dust. Remove all sources of ignition.

đ) Incompatible materials

Avoid strong oxidizing agents, combustible substances.

e) Decomposition reaction and products of the decomposition reaction

Carbon dioxide, monocarbon dioxide.

11. TOXICOLOGICAL INFORMATION

a) Information about the likely routes of exposure

- Accident in case of eyes exposure: Irritation to eyes. Corneal opacity.
- Accident in case of skin exposure: Slight irritations.
- Accident in case of inhalation exposure: Inhalation of the dusts should be avoided as inert dusts even may impair respiratory organ functions.
- Accident in case of ingestion exposure: No data available.

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 information.

d) Numerical measures of toxicity (acute toxicity estimates)

No information.

12. ECOLOGICAL INFORMATION

a) Ecotoxicity (aquatic and terrestrial): No information.

b) Persistence and degradability: Biodegradable.

c) Bioaccumulative potential: No information.

d) Mobility in soil: No information.

d) Other adverse effects: No information.

13. DISPOSAL CONSIDERATIONS

- **Product:** Material is not considered hazardous under regulation 40CFR 355 – Appendix A. This product is non-polluting. The disposal of waste must comply with local applicable regulations.
- **Packaging:** Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging or/and empty container may be disposed as normal trash. The disposal is in compliance with local applicable regulations.

14. TRANSPORT INFORMATION

- IATA (Air): Not regulated as a hazardous material.
- IMDG (Maritime): Not regulated as a hazardous material.
- Transportation must be dry, clean, having roof covering and non strange smelt can affect to food 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.
- Decree 43/2017/ND-CP dated april 14, 2017 on goods labels and Decree No. 111/2021/NĐ-CP amendments to some articles of government's Decree No 43/2017/ND-CP dated april 14, 2017 on goods labels; 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.
- OSHA Hazards: No known OSHA hazards.
- California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Date of compiling slip: 05/06/2021

Latest date of modification, addition: 07/03/2025

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.