



# Material Safety Data Sheet

**Company Name:** Shen Zhen Hengsen Micro Sma Te CO., LTD

**Company Address:** Room 14C05A, Shenye Tairan Building, Tairan 8th Road, Tianan Community, Shatou Street, Futian District, Shenzhen City

**Laboratory Name:** Shenzhen Huapin Testing Technology Co., Ltd.

**Laboratory Address:** Room 302, Comprehensive Building, Songbai Industrial Park, No 4 , Yangyong Industrial Road, Tangxiayong Community, YanluoStreet, Bao'an District , Shenzhen.

Report on the submitted samples said to be:

Sample Name : Plant Food Nutrient A & B

Trade mark : LETPOT

Model : Plant Food A

Sample Receiving Date : Jul. 17, 2025

Testing Period : Jul. 17, 2025 to Jul. 28, 2025

Results : Please refer to next page(s).

\*\*\*\*\*  
**Service Requested**

A As specified by the client, to edit **Material Safety Data Sheet (MSDS)** for the submitted sample

Signed for and on behalf of

Approved by: \_\_\_\_\_  
lab manager



## Section 1: Identification of the substance/mixture and of the company/undertake

### Product identifier

Product name : Plant Food Nutrient A & B  
Alternative names : /  
Product Item No. /Lot. No : HUAP250717L4481R  
CAS No. : Refer to section 2  
Molecular formula : Refer to section 2

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

Relevant identified uses : /  
Uses advised against : /

### Details of the supplier of the safety data sheet

Applicant : Shen Zhen Hengsen Micro Sma Te CO., LTD  
Address : Room 14C05A, Shenye Tairan Building, Tairan 8th Road, Tianan Community, Shatou Street, Futian District, Shenzhen City  
Model : Plant Food A  
Manufacturer : Shenzhen IGS Electronics CO.,LTD.  
Address : 5th Floor, Building 3, No. 129, Li Songlang First Industrial Zone, Guangming District, Shenzhen City, Guangdong, China  
Telephone : 18566756366  
E-mail address : /

### Emergency telephone number

Emergency phone : 18566756366



## Section 2: Hazards Identification

### Classification of the substance or mixture

This safety data sheet was prepared in accordance with CLP-Regulation (EC) No 1272/2008 ,  
EC No 1907/2006

<b>Hazard category:</b>	This product is safe and does not belong to dangerous goods
<b>Hazard classes/Hazard category:</b>	Not applicable
<b>Hazard Pictograms:</b>	Not applicable
<b>Signal Word(S):</b>	Not applicable
<b>Hazard statements:</b>	Not applicable
<b>Precautionary statement:</b>	Not applicable
<b>Potential health hazards:</b>	Not applicable
<b>Environmental impact:</b>	Not applicable
<b>Carcinogenic substance:</b>	Not applicable

**Section 3: Composition / Information on Ingredients**Substance or Preparation: preparation

<b>Section 3 – Composition/Information on Ingredient</b>		
<b>Product name: Plant Food Nutrient A &amp; B</b>		
<b>Ingredient</b>	<b>CAS NO.</b>	<b>Concentration%</b>
Total N	7727-37-9	11.0%
Soluble P2O5	1314-56-3	9.0%
K2O	12136-45-7	30.0%
Mg	7439-95-4	2.0%
EDTA-Fe	15708-4-5	0.3%
EDTA-Mn	15375-84-5	0.06%
EDTA-Cu	14025-15-1	0.005%
EDTA-Zn	14025-21-9	0.01%
B	7440-42-8	0.1%



## Section 4: First Aid Measures

### Description of first aid measures

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance
- If inhaled** : If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
: Consult a physician
- In case of skin contact** : Wash off with soap and plenty of water. Consult a physician.
- In case of eye contact** : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- If swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water.  
: Consult a physician.

### Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### Indication of any immediate medical attention and special treatment needed

no data available

## Section 5: Fire and Explosion Data

### Extinguishing media

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special hazard arising from the substance or mixture** : Carbon oxides
- Advice for firefighters** : Wear self contained breathing apparatus for fire fighting if necessary.
- Further information** : no data available

## Section 6: Accidental Release Measures

- Person precautions protective equipment and emergency procedures** : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.  
For personal protection see section 8
- Environment precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal
- Reference to other sections** : For disposal see section 13.



## Section 7: Handling and Storage

- Precautions for safe handling** : Avoid contact eyes. Avoid inhalation of vapour or mist.  
For precautions see section 2.2.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. hygroscopic
- Specific end use(s)** : A part from the uses mentioned in section 1.2 no other specific uses are stipulated

## Section 8: Exposure Controls/Personal Protection

- Control parameters** : **Components with workplace control parameters**
- Exposure controls**
- Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Personal protective equipment**
- Eye/face protection** : Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- Skin protection** : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.  
Wash and dry hands.  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
- Body Protection** : impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory protection** : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Control of environmental exposure** : Do not let product enter drains.



### Section 9: Physical and Chemical Properties

<b>Appearance</b>	: Black	<b>Odor</b>	: Odorless
<b>Boiling Point</b>	: >300	<b>Density</b>	: No available data
<b>Freezing point</b>	: No available data.	<b>Flashing Point</b>	: No available data.
<b>Explosion</b>	: No available data.	<b>Explosion</b>	: No available data.
<b>Upper Limits</b>		<b>Lower Limits</b>	
<b>Vapor Pressure</b>	: No available data.	<b>Vapor Density</b>	: No available data.
<b>Viscosity</b>	: No available data.	<b>pH</b>	: No available data.
<b>Solubility</b>	: No available data		

### Section 10: Stability and Reactivity Data

<b>Reactivity</b>	: No available data.
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: No data available
<b>Conditions to avoid</b>	: No data available
<b>Incompatible materials</b>	: Strong bases, Strong oxidizing agents Other decomposition products - no data available
<b>Hazardous decomposition products</b>	: In the event of fire: see section 5

### Section 11: Toxicological Information

#### Information on toxicological effects

<b>Acute Toxicity</b>	: LD50 Oral - rat - 12.600 mg/kg LD50 Dermal - rabbit - > 10.000 mg/kg
<b>Skin corrosion/irritation</b>	: Skin - rabbit Result: Mild skin irritation - 24 h
<b>Serious eye damage/eye irritation</b>	: Eyes - rabbit Result: Mild eye irritation - 24 h
<b>Respiratory or skin sensitisation</b>	: no data available
<b>Germ cell mutagenicity</b>	: no data available
<b>Carcinogenicity</b>	: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	: No data available
<b>Specific target organ toxicity-single exposure</b>	: No data available
<b>Specific target organ toxicity-repeated exposure</b>	: No data available
<b>Aspiration hazard</b>	: No data available.
<b>Additional information</b>	: RTECS: MA8050000 Prolonged or repeated exposure may cause:, Nausea, Headache, Vomiting Kidney - Irregularities - Based on Human Evidence



### Section 12: Ecological Information

<b>Toxicity</b>	:	no data available
<b>Persistence and degradability</b>	:	no data available
<b>Bioaccumulative potential</b>	:	no data available
<b>Mobility in soil</b>	:	no data available
<b>Results of PBT and vPvB assessment</b>	:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>Other adverse effects</b>	:	no data available

### Section 13: Disposal Considerations

#### Waste treatment methods

<b>Product</b>	:	Offer surplus and non-recyclable solutions to a licensed disposal company.
<b>Contaminated packaging</b>	:	Dispose of as unused product

### Section 14: Transport Information

#### Transport Attentions:

In the case of land, air and ocean shipping, avoid exposure to fire, water, prevent damp and insolation. The products restrict the use of own steel tanker shipment when railway transport, submit to relevant departments for approval. The transport vehicles should be equipped with the appropriate variety and quantity of fire control equipment and emergency equipment for leakage. In summer, best transport in morning or evening. Transport tank should have grounding chain, the inner of tank should have baffle hole plate to reduce static electricity. Ban mixed operation with antioxidants, acid, alkali metal and amine. Prevent insolate, rain and heat in transit. Keep away from fire, heat and high temperature when stopover. Exhaust pipes of transport vehicle must be equipped with fire retardant equipment. Ban load and unload with mechanical equipments and tools that easy to produce the spark. According to prescribed routes when road transport. Do not stay in residential area and densely populated area. Ban humping when railway transport. Ban bulk transport use wooden boats, concrete boats. The container must be handled carefully. Please refer to section 7-HANDING AND STORAGE also, and requirements of the ADR-RID/PG III, IMO/IMDG/PG III, IATA/ICAO/PG III.



## Section 14: Transport Information

**Packing Method:** : No available data.

### Maritime transport IMDG

IMDG Code : Not hazardous goods

UN-Number : Not available data

Packing group : Not available data

Proper shipping name : Not available data

### DOT regulations

Hazard class : Not hazardous goods

Identification number : Not available data

Packing group : Not available data

Proper shipping name : Not available data

### Land transport ADR/RID(cross-border)

Hazard class : Not hazardous goods

UN-number : Not available data

Packing group : Not available data

Proper shipping name : Not available data

### Air transport ICAO-TI and IATA-DGR

ICAO-TI-II class : Not hazardous goods

UN/ID Number : Not available data

Packing group : Not available data

Proper shipping name : Not available data

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is harmless to marine.



## Section 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	:	No data available
<b>Chemical Safety Assessment</b>	:	For this product a chemical safety assessment was not carried out

## Section 16: Other Information

ACGIH	:	American Conference of Governmental Industrial
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
CLP	:	Classification Packaging and Labelling
EC	:	European Commission
ECHA	:	European Chemicals Agency
EINECS	:	The European Inventory of Existing Commercial Chemical Substances
GHS	:	Globally Harmonised System of Classification and Labelling of Chemicals
IARC	:	International Agency for Research on Cancer
IATA	:	International Air Transport Association
IBC Code	:	International code for the construction and equipment of ships carrying dangerous chemical in bulk
ICAO	:	International Civil Aviation Organization
IMDG	:	International Maritime Dangerous Goods
IC50	:	Inhibitory Concentration fifty
LC50	:	Lethal Concentration fifty
LD50	:	Lethal Dose fifty per cent.
MARPOL	:	International Convention for the Prevention of Pollution From Ships
REACH	:	Registration Evaluation And Authorisation Of Chemicals
RID	:	Regulations Relating to International Carriage of Dangerous Goods by Rail
RTECS	:	Registry of Toxic Effects of Chemical Substances
STEL	:	Short term exposure limit
TWA	:	Time-Weighted Average



## Section 16: Other Information

OSHA	:	Occupational Safety and Health Administration
NIOSH	:	National Institute for Occupational Safety and Health
TLV-TWA	:	Threshold Limit Value-Time Weighted Average
TLV-STEL	:	Threshold Limit Value-Short Term Exposure Limit
PEL	:	Permissible Exposure Limit
MAK	:	Maximale Arbeitsplatz-Konzentration...

### Conductor information

Date: Jul. 28, 2025

Data Audit Units: HUAP

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### Photo Documentation



\*\*\* End of Report \*\*\*