

MSDS Report

SHENZHEN IGS ELECTRONIC CO., LTD.

Prepared For:

4F, Building 44, Huaide Cuigang Fifth Industrial Park, Fuyong Street,
Baoan District, Shenzhen

Product Name:

Hydroponic Fertilizer

Model:

Hydroponic FertilizerB

Shenzhen TCT Testing Technology Co., Ltd.

Prepared By:

TCT testing Industrial Park, Fuqiao 5th Industrial Zone, Fuhai Street,
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Report No.:

TCT210713W003

Checked by

Alison Dou

Alison Dou

Signed for and on behalf of TCT

Noel Yin

Noel Yin
Technical Manager



Material Safety Data Sheet

Regulation (EC) No 1907/2006 (REACH), Annex II

Section 1- Chemical Product & Company Identification

(a) Product identifier

Product Name Hydroponic Fertilizer
Model Hydroponic FertilizerB

(b) Relevant identified uses of the substance or mixture and uses advised against

Recommended Use No information available
Uses advised against No information available

(c) Details of the supplier of the safety data sheet

Supplier SHENZHEN IGS ELECTRONIC CO., LTD.
Address 4F, Building 44, Huaide Cuigang Fifth Industrial Park, Fuyong Street, Baoan District, Shenzhen
Contact Person Zhou Shiping
Phone +86- 13410290378
Fax +86- 755-33930235
E-mail zhou1@igstech.com

(d) Emergency telephone number

+86- 13410290378

Section 2- Hazards Identification

(a) Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

(b) Label elements, including precautionary statements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable

(c) Other hazards

No information available

Section 3- Composition/Information on Ingredients**(a) Hydroponic Fertilizer is a mixture.**

Chemical Name	CAS No.	CONTENT%
Total N	7727-37-9	12
CaO	1305-78-8	15
MgO	1309-48-4	5

Section 4- First Aid Measures**(a) Description of first aid measures****General advice**

In case of accident or unwellness, seek medical advice immediately

Inhalation

If fumes or combustion products are inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell

Ingestion

Give water to rinse out mouth, then drink plenty of water, vomiting, and go to a doctor

Eye contact

Keep eyelids apart and away from eye and moving the eyelids by lifting the upper and lower lids occasionally, flush eyes with plenty of water or saline water for at least 15 minutes, call a physician if irritation persists.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

(b) Most important symptoms and effects, both acute and delayed

No information available

(c) Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5- Fire Fighting Measures

(a) Extinguishing media

Suitable extinguishing media Water, CO₂, Dry powder, Foam

Unsuitable extinguishing media No information available

(b) Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide. Nitrogen oxides and sulfur oxides may also be released in the fire

(c) Special protective equipment and precautions for fire-fighters

High concentration of carbon monoxide and carbon dioxide may occur, so people should wear air respirator (SCBA) or air supply respirator;

Prevent, by any means available, spillage from entering drains or water courses;

Use water delivered as a fine spray to control fire and cool adjacent area.

Section 6- Accidental Release Measures

(a) Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe dust/fume/gas/mist/vapors/spray.

(b) Environmental precautions

Prevent product from entering drains

(c) Methods and material for containment and cleaning up

A small amount of leakage: vacuum with a high efficiency filter, or with soap

Water or dust suppressing products will wet carbon black, and then shovel into dry and covered containers for disposal.

In case of excessive leakage, contact the fire department, emergency treatment unit and the supplier for assistance.

Section 7- Handling and Storage

(a) Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid generation of dust. Do not breathe dust/fume/gas/mist/vapors/spray

(b) Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture and fire. Store away from Oxidant, acids, halogen, Equipped with corresponding varieties and number of fire equipment and leakage emergency treatment equipment.

Section 8 - Exposure Controls/Personal Protection

(a) Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Local exhaust system and process airtight should be used when necessary to control the dust concentration in the air.

(b) Personal protective equipment

Personal protective equipment Respiratory Protection: Special protection is generally not required, but if exposed to dust, it is recommended to wear self absorption filter dust masks

Skin Protection: Wear suitable protective clothing and gloves

Eye Protection: Not necessary under normal conditions. Wearing chemical safety protective glasses if necessary

Hygiene Measures Wash hands or take a shower after working

(c) Environmental exposure controls

Avoid release to the environment

Section 9- Physical and Chemical Properties

Physical State	Form: Solid particle Color: White Odor: Odorless
pH, with indication of the concentration	No data

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Melting/freezing point	No data
Boiling Point, initial boiling point and Boiling range	No data
Flash Point	No data
Evaporation rate	No data
Flammability (soil, gas)	No data
Upper/lower flammability or explosive limits	No data
Vapor pressure	No data
Vapor Density (Air = 1)	No data
Density/relative density	No data
Solubility in Water	Insoluble in water.
Autoignition temperature	No data
Decomposition temperature	No data
Kinematic viscosity	No data
Dynamic viscosity	No data
Explosive properties	No data
Oxidizing properties	No data

Section 10 – Stability and Reactivity

(a) Reactivity

Stable under normal conditions

(b) Chemical stability

Stable under recommended storage conditions

(c) Possibility of hazardous reactions

None under normal processing

(d) Conditions to avoid

High temperature, flame, spark

(e) Incompatible materials

Trong oxidizer. Such as chlorate, bromate, nitrate and so on

(f) Hazardous decomposition products

Carbon monoxide, carbon dioxide, or very small amounts of nitrogen and sulfur oxides

Section 11 – Toxicological Information**(a) Information on toxicological effects**

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified
Sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

Section 12-Ecological Information

Toxicity	No information available
Persistence and degradability	No information available
Bioaccumulative potential	No information available
Mobility in soil	No information available
Other adverse effects	No information available

Section 13 – Disposal Considerations

Waste treatment methods	Product disposal recommendation: Observe local, state and federal laws and regulations. Packaging disposal recommendation: Containers may be recycled or re-used. Observe local, state and federal laws and regulations. The potential effects on the environment and human health of the substances used in material; the desirability of not disposing of waste material as unsorted municipal waste and of participating in their separate collection so as to facilitate treatment and recycling;
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Section 14 – Transport Information

This report applies to by sea, by air and by land;

More information concerning shipping, testing, marking and packaging can be obtained from label master at <http://www.labelmaster.com/>.

The packaging shall be adequate to avoid mechanical damage during transport, handling and stacking.

The materials and pack design shall be chosen so as to prevent the development of unintentional electrical conduction, corrosion of the terminals and ingress of moisture.

The package must be handled with care and that a flammability hazard exists if the package is damaged;

With regard to transport, the following regulations are cited and considered:

- The International Civil Aviation Organization (ICAO) Technical Instructions
- The International Air transport Association (IATA) Dangerous Goods Regulations.

UN Classification (Transport hazard class): Non dangerous;

Marine pollutant(Y/N): N;

- The International Maritime Dangerous Goods (IMDG) Code.

UN Classification (Transport hazard class): Non dangerous;

Marine pollutant(Y/N): N;

- The Office of Hazardous Materials Safety within the USA Department of Transportations' (DOT)
- Research and Special Programs Administration (RSPA)

Section 15 – Regulatory Information

Safe, health and environment regulations/ legislation specific for the substance or mixture

International laws/ regulations

Endanger the safety of information requirements on the label

Requirements for hazard and safety information on the label

Tags according to EU guidelines

The product should follow the relevant regulations of EU Directive/Hazardous substances regulations

Section 16 – Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required.

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The data/information contained herein has been reviewed and approved for general release on the basis that this document contains no export controlled information.





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