



Product name: Microbial enzyme

Issue date: 01.04.19

SDS

Safety Data Sheet

SDS No. : 19865120401201



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Safety data sheet

according to Regulation (EU) No 2015/830

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SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : Microbial enzyme

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

Use of the Substance/Mixture : Domestic waste treatment

1.3 Details of the supplier of the safety data sheet

Company : Suzhou Sanyi Quanfang Electronic Co., Ltd

Address : Rm. 1213, Bldg. 6, Shanglv Bldg., No. 381, East Of Suzhou Road, Suzhou Industrial Park, Suzhou, Jiangsu province, China.

Telephone : +86 512 68085346

E-mail address : ww720127@163.com

1.4 Emergency telephone number

Emergency telephone number : +86 512 68085346

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

No need for classification according to GHS criteria for this product.

2.1.2 Additional information:

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with GHS criteria.

2.3 Other hazards

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no information available.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Registration number	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration (% w/w)
Amino acid		0.1-0.2%
Water(CAS No.: 7732-18-5) (EC No.: 231-791-2)		8.0-9.0%
Sawdust		90.0-91.0%

SECTION 4. First aid measures

4.1 Description of first aid measures

- General advice : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- If inhaled : If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.
- On skin contact : Take off contaminated clothing and shoes immediately. Rinse skin with plenty of water or shower.
- On contact with eyes : If you use contact lenses, remove the lenses first. Wash affected eyes for at least 15 minutes under running water with eyelids held open.
- On ingestion : Rinse your mouth. Drink 1 or 2 glasses of water.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Further important symptoms and effects are so far not known.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No specific antidote.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion generates toxic fumes of the following: Carbon oxides.

5.3 Advice for firefighters

Special protective equipment : Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Further information : No information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid breathing dust. Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : No information available.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Pick up with suitable appliance and dispose of.

6.4 Reference to other sections

References to other sections, if applicable, have been provided in the previous sub-sections.

SECTION 7: Handling and storage

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7.1 Precautions for safe handling

Advice on safe handling : Avoid breathing dust. Ensure adequate ventilation.

Advice on protection against fire and explosion : Avoid dust formation.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available.

8.2 Exposure controls

Eye protection : Use safety glasses (with side shields).

Hand protection : Use gloves chemically resistant to this material.

Body and skin protection : Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, pants, jacket.

General safety and hygiene measures : Wash hands before breaks and after handling the product.

Respiratory protection : None required under normal conditions. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: powder, brown

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Odour	sour
Odour threshold	no data available
pH	not applicable
Melting point	no data available
Boiling point	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	combustible
Upper/lower flammability or explosive limits	not applicable
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	insoluble
Partition coefficient: n-octanol/water	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	no data available
Viscosity, dynamic	not applicable
Explosive properties	no
Oxidising properties	no

9.2 Other information

no data available

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SECTION 10: Stability and Reactivity

- 10.1 Reactivity** : No hazardous reactions if stored and handled as prescribed/indicated.
- 10.2 Chemical stability** : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous** : This material is considered stable.
- 10.4 Conditions to avoid** : Avoid dust formation.
- 10.5 Incompatible materials** : Avoid contact with: Strong oxidizers.
- 10.6 Hazardous decomposition products** : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

No information available

Acute inhalation toxicity

No information available

Acute dermal toxicity

No information available

Skin corrosion/irritation

Effect of irritation assessment

No information available

Serious eye damage/irritation

Effect of irritation assessment

No information available

Respiratory or skin sensitisation

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Sensitisation assessment

No information available

Germ cell mutagenicity

Mutagenic effects assessment:

According to the known information,not classified.

Carcinogenicity

Carcinogenicity assessment:

According to the known information,not classified.

Reproductive toxicity

Reproductive toxicity assessment:

According to the known information,not classified.

STOT-single exposure

Specific target organ toxicity (single exposure) toxicity assessment:

According to the known information,not classified.

STOT-repeated exposure

Specific target organ toxicity (repeated exposure) toxicity assessment:

According to the known information,not classified.

Aspiration hazard

Aspiration hazard assessment

According to the known information,not classified.

SECTION 12: Ecological information

12.1 Aquatic Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

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No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Observe national and local legal requirements.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14: Transport Information

Land transport

ADR

14.1. UN number : not applicable

14.2. UN proper shipping name: : not applicable

14.3. Transport hazard class(es): : not applicable

14.4. Packing group : not applicable

14.5. Environmental hazards : not applicable

14.6. Special precautions for user : none

Sea transport

IMDG

14.1. UN number : not applicable

14.2. UN proper shipping name: : not applicable

14.3. Transport hazard class(es): : not applicable

14.4. Packing group : not applicable

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14.5. Environmental hazards : not applicable

14.6. Special precautions for user : none

Air transport

IATA/ICAO

14.1. UN number: : not applicable

14.2. UN proper shipping name: : not applicable

14.3. Transport hazard class(es): : not applicable

14.4. Packing group: : not applicable

14.5. Environmental hazards: : not applicable

14.6. Special precautions for user : none

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

Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment/Chemical Safety Report may not be required because: substance(s) are exempted from being registered under REACH, are not yet registered under REACH, are registered under another regulatory process (biocide uses, plant protection products), the volume is below the 10 tons/year threshold specified under Art.14(1) of REACH, the concentration of substance(s) in a mixture is/are below the limits specified under Art. 14(2) of REACH.

SECTION 16: Other information

Abbreviations and acronyms

CLP	Classification, Labelling and Packaging
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization

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IMDG	International Maritime Dangerous Goods
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA)
vPvB	very Persistent and very Bioaccumulative

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