

Material Safety Data Sheet (MSDS)

Ningbo Ifilter Purification Equipment Co., Ltd.

Room 4002, No. 1, Building 4, No. 2, Longtanshan Road, Daqi Sub-District, Beilun Dist., Ningbo, Zhejiang, China

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name: Ningbo Ifilter Purification Equipment Co., Ltd.

Address: Room 4002, No. 1, Building 4, No. 2, Longtanshan Road, Daqi Sub-District, Beilun Dist., Ningbo, Zhejiang, China

Product Name: Decompose Microorganism Enzyme

Product model: /

Tel: +8613738461222 **Fax:** +86-0574-86146657

Mail: aifilter@126.com

Emergency Telephone: +86-13923776314

2: HAZARDS IDENTIFICATION

Hazard classification of substances or mixtures: according to the GHS classification of chemicals, the product is non hazardous and harmless to health or the environment.

Swallowing:

In the process of use, a small amount of materials brought into the mouth through fingers will not cause harm. Swallow in large quantities, induce vomiting and seek medical advice as soon as possible.

Skin absorption:

General contact does not irritate the skin, Except for allergic reactions.

Inhalation:

Avoid large amount of inhalation, small amount of inhalation will not cause discomfort, If you feel unwell, move to an open area. If you still feel unwell, see a doctor.

Skin contact:

Under normal circumstances, the skin will not feel uncomfortable. If you feel uncomfortable, please wash it with water. If you continue to feel uncomfortable, please consult a doctor.

Eye contact:

:

Direct contact may cause temporary discomfort with mild redness, dryness, and irritation.

Effects of repeated overexposure: No evidence of adverse effects from available information.

Medical conditions aggravated by overexposure:

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Significant laboratory data with possible relevance to human health hazard evaluation:

None currently known.

Other effects of overexposure

None currently known.

3: 化学组成信息/COMPONENTS INFORMATION

Chemical composition	in % by weight	CAS No.	EC No. (if applicable)
Amylase	21.0%	9000-92-4	/
Cellulase	14.0%	9012-54-8	/
Protease	17.0%	9001-92-7	/
Lipase	24.0%	9001-62-1	/
L- Amino acid	24.0%	9000-89-9	/

Abbreviation:

CAS: Chemical Abstract Service

EC: European Inventory of Existing Commercial chemical Substances

4: FIRST AID MEASURES

Emergency and first aid measures

SWALLOWING:

Emetic Method, Obtain medical attention if discomfort persists.

SKIN:

Under normal circumstances, the skin will not feel uncomfortable. If you feel uncomfortable, please wash it with water. If you continue to feel uncomfortable, please consult a doctor.

INHALATION:

Avoid large amount of inhalation, small amount of inhalation will not cause discomfort, If you feel unwell, move to an open area. If you still feel unwell, see a doctor.

EYES:

Immediately flush eyes with water for at least 15 minutes, Obtain medical attention if discomfort persists.

Notes to physician:

There is no more information about the most important acute delayed symptoms and their effects.

5: FIRE FIGHTING MEASURES

Extinguishing media:

The general foam fire extinguishing agent recommended by the manufacturer is used in the fire. For small fires, use water spray, carbon dioxide or dry powder extinguishing agent.

Fire fighting precautions:

The fire in the limited space should be handled by trained personnel wearing oxygen masks and acid resistant fire-resistant protective clothing.

6: ACCIDENTAL RELEASE MEASURES

Wear protective devices. Keep away from unprotected people and ensure adequate ventilation.

Without the permission of the government, it is not allowed to discharge into the environment .

Preventive measures to prevent secondary hazards: measures without special requirements.

Waste disposal method: Dispose of in accordance with all Federal, State, and local regulations.

7: HANDLING AND STORAGE

Safety measures

Keep the container sealed. Store in a sealed container in a cool, dry place.

Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Fire and explosion information: the product is not flammable.

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

8 : EXPOSURECONTROLS/PERSONAL PROTECTION

Occupational exposure values and source: None

Respiratory protection:

Use NIOSH approved respirator or self-contained breathing apparatus as needed to maintain personnel exposure below established Occupational Exposure Values.

VENTILATION: general indoor ventilation equipment with local ventilation function shall be provided as required. When the fume hood works normally, the wind speed at the hood opening shall be at least 100 ft / min.

Protective gloves: PVC gloves

Eye protection: Use safety glasses.

Other protective equipment: Eye bath and safety shower.

9: 理化特性/PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Beige fine powder

Odor: Odorless

Soluble: Slightly soluble in water

Flammability: not flammable

PH: 6.0-8.0

Melting point / melting range: undetermined

Boiling point / boiling range: undetermined

Sublimation temperature / start: undetermined

Flammability (solid, gas): undetermined

Ignition point: undetermined

Decomposition temperature: undetermined

Spontaneous combustion: no spontaneous combustion.

Note: The above information is not intended for use in preparing product specifications.

10: STABILITY AND REACTIVITY DATA

Stability: It is stable at room temperature and no dangerous reaction occurs under normal use conditions.

Conditions to avoid: None

Incompatibility: The aqueous solution is immiscible with alkali metals, alkaline earth metals and various active organic and inorganic chemicals.

Dangerous decomposition products: no data available

11: TOXICOLOGICAL INFORMATION

Toxicological characteristics: no data available

Metabolism: no data available

Acute toxicity: no data

Stimulation: no stimulation

Corrosion decomposition products: no data available

Carcinogenicity: non carcinogenic

12: TOXICOLOGICAL INFORMATION

toxicity

Aquatic toxicity: no more information

Persistence and degradability: no more information.

Potential bioaccumulation: no more information available.

Mobility in soil: no more information available.。

More ecological information

Do not discharge materials into the surrounding environment without government permission.

Water hazard level 1 (German regulation) (self assessment through list): slightly harmful to water. Do not allow large quantities or undiluted products to enter groundwater, water bodies or drainage systems.

Environmental assessment: correct use and disposal, stable under normal operating conditions

Degradability: stable under normal operating conditions

Other side effects: no more information.

13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and local regulations.

14: TRANSPORT INFORMATION

IMDG-CODE

UN number: None

UN transport Name: Decompose Microorganism Enzyme

Hazard classification: None

Packaging method: Bag

Precautions for transportation: avoid rain and sunlight, and comply with relevant regulations of transportation department.

ICAO / IATA-DG

UN number: None

UN transport Name: Decompose Microorganism Enzyme

Hazard classification: None

Packaging method: Bag

Precautions for transportation: avoid rain and sunlight, and comply with relevant regulations of transportation department.

15: REGULATORY INFORMATION

Domestic authoritative regulations:

Regulations on safety management of hazardous chemicals (March 2, 2011)

This material is not listed in the general rules for classification and hazard publicity of chemicals (GB 13690-2009)

European regulations:

All components are not listed in Annex I of directive 67 / 548 / EEC, priority list (in accordance with Council Regulation (EEC) no 793 / 93 on the foresight of risk assessment and control of existing substances) and Annex I Regulation (EC) no 689 / 2008.

16: OTHER INFORMATION

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Technology, it is the user's obligation to determine the conditions of safe use of the product.

