

SDS

Report No.: BSD250311001

Date: March 12, 2025

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Safety Data Sheet (SDS)

ProductName:tofu cat litter

Model: /

Batch No.: /

Client Name:Qingdao KJ Bioengineering Co.,LTD

Address:No.3 Shanghai East Road,Laixi Economic Development
Zone,Qingdao City,Shandong China

Fixed line: /



Authorized signature: _____

Tel: 0532-67731827

CT: 19863725853

P. C.: 266000

Web: www.boendejc.com

E-mail: boende001@163.com

Add: No. 26 Xianshan East Road, Chengyang District, Qingdao City, Shandong Province

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Safety Data Sheet

Part 1: Chemical and enterprise identification

Product identification

English name of product:tofu cat litter

Model number:/

CAS No: not applicable

EC No: not applicable

Formula: not applicable

Product recommendation and limited use

Recommended use: no special instructions.

Limit use: no special instructions.

Details of applicant and supplier

Applicant: Qingdao KJ Bioengineering Co.,LTD

Address: No.3 Shanghai East Road,Laixi Economic Development Zone,Qingdao City,Shandong China

Post code:/

Tel: 0532-88478678

Fax: /

mail box: 407411636@qq.com

Supplier: Qingdao KJ Bioengineering Co.,LTD

Enterprise emergency telephone:/

Part 2: Risk overview

Emergency overview

GHS risk category

This product is not listed in the list of dangerous chemicals.

GHS label elements

Pictogram

nothing

Signal words

nothing

Hazard statement

No information available.

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Precautions

preventive measure

- P210 Keep away from heat sources / sparks / open flames / hot surfaces. No Smoking.
P261 Avoid inhalation of dust / smoke / gas / smoke / vapour / spray.
P272 Contaminated work clothes shall not be taken out of the workplace.
P280 Wear protective gloves / protective clothing / goggles / masks.

Accident response

- P363 Contaminated clothes can be reused after cleaning.
P302 + p352 If skin is contaminated: wash thoroughly with plenty of soap and water.
P332 + P313 In case of skin irritation: seek medical treatment.
P333 + P313 In case of skin irritation or rash: seek medical attention.
P362 + p364 Remove all contaminated clothes and reuse after cleaning.
P370+P378 Fire: use carbon dioxide, dry powder or water spray to extinguish fire.
P305 + P351 + P338 If it enters the eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can easily take them out, take out the contact lenses and continue to rinse.

Safe storage

- P403 + P235 should be stored in a well ventilated place.

Waste disposal

- P501 dispose of contents / containers in accordance with local / regional / national / international regulations.

Hazard description

Physical and chemical hazards

Non dangerous goods.

Health hazards

No information available.

Environmental hazards

Please refer to SDS Part 12

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Part 3: Composition / component information

Of the purest quality ☐

Mixture ☒

Component	Content	CAS
Pea Fiber	40%	---
Starch	30%	9005-25-8
Corn, flour	25%	68525-86-0
Guar gum	4.9%	9000-30-0
Sodium benzoate	0.1%	532-32-1

Part 4: First aid measures

Description of first aid measures

ordinary suggestion

First aid measures are usually required. Please show the SDS to the doctor arriving at the scene.

After receiving emergency measures, if necessary, send to the hospital for treatment.

Eye contact

Check and remove any contact lenses, occasionally lift the upper and lower eyelids, and immediately flush the eyes with water until the residue is removed.

The utility model provides a convenient eye washing device and a fast and safe shower, without rubbing eyes with hands.

If eye irritation develops and symptoms persist, seek medical attention.

Skin contact

Take off contaminated clothes and shoes and wash them with plenty of water.

If skin irritation develops and symptoms persist, seek medical attention.

Ingestion

Rinse mouth with water. Transfer the victim to fresh air and rest in a comfortable place to breathe.

If the material is swallowed and the patient is conscious, drink a small amount of water.

If the patient feels uncomfortable and vomits, giving water may be dangerous.

Do not induce vomiting unless guided by medical personnel.

If vomiting occurs, the head should be kept low to prevent the vomit from entering the lungs.

If the adverse health effects persist or are severe, seek medical attention and do not feed any food to unconscious patients.

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Inhalation

Quickly evacuate the scene to a place with fresh air and keep the respiratory tract unobstructed.

Rest in a comfortable place to breathe.

If breathing is difficult, oxygen should be administered by trained personnel.

If the health impact persists, seek medical attention immediately.

First aid personnel protection

Ensure that medical staff understand the hazardous characteristics of the product and take self-protection measures to protect themselves and prevent the spread of contamination.

Advice on protecting the rescuer

Remove all sources of ignition and enhance ventilation.

Avoid contact with skin and eyes.

Use protective equipment, including breathing masks.

Description of emergency medical treatment and special treatment

Continue to take emergency measures and provide targeted treatment based on the symptoms that appear.

Symptoms may appear delayed.

Part 5: Fire fighting measures

Fire extinguishing medium

Suitable extinguishing medium

Use dry sand, dry chemicals or CO₂ foam to extinguish the fire.

Use the most suitable extinguishing medium for the surrounding fire.

Unsuitable extinguishing medium

Avoid using too strong water vapor to extinguish the fire, as it may spread and disperse the flames.

Special injury resulting from this substance or mixture

No data.

Precautions and measures for fire fighting

Firefighters must wear positive pressure respirators, full body firefighting suits, and extinguish fires in the upwind direction.

Try to move containers/contents from the fire scene to an open area as much as possible.

Spray water to keep the fire container/contents cool until the fire is extinguished.

If the container/contents in the fire have changed color, they must be evacuated immediately.

Isolate the accident scene and prohibit unrelated personnel from entering.

Collect and handle firefighting water to prevent environmental pollution.

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Part 6: Leakage Emergency Treatment

Protective measures for operators, protective equipment and emergency handling procedures

Do not take any action involving any personal risks or without proper training.

Evacuate unrelated personnel to a safe area. Unnecessary and unprotected personnel are strictly prohibited from entering.

Do not touch or step over spilled materials to avoid slipping.

Through sufficient ventilation. Wear a suitable respirator when ventilation is insufficient.

Emergency personnel will be equipped with appropriate personal protective equipment (see Section 8)

Environmental protection measures

Take measures to prevent further leakage or spillage while ensuring safety.

Avoid discharging into the surrounding environment.

Storage and removal methods of leaked chemicals and disposal materials used

Minor leakage: If there is no danger, prevent the leakage. Remove the container from the leakage area. Absorb the leakage with an inert dry material. Avoid dust, sweep carefully, place in a bag and transfer to a safe place.

Large leakage: If there is no danger, stop the leakage. Transfer the container in the leakage area. Approaching the leak from the upwind direction. Flush the spilled material to the wastewater treatment plant or perform the following operations. Contain and collect leaks with non combustible absorbents such as sand, soil, and diatomaceous earth. Contaminated adsorbents may have the same hazards as spilled products. Collect, recycle or transport to waste disposal sites for disposal.

Attached or collected materials should be stored in suitable sealed containers and disposed of in accordance with local laws and regulations.

Part 7: Handling and storage

Operation precautions

Wear appropriate personal protective equipment (see Part 8).

Prevent dust from being released into the workshop air.

Operators must undergo professional training and strictly follow operating procedures.

Eating and smoking are prohibited in places where materials are processed, stored, and processed.

Provide appropriate exhaust equipment. Operate in a well ventilated area.

General fire protection measures. Keep away from heat sources, sparks, open flames, and hot surfaces.

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Adhere to good hygiene procedures and hygiene habits.

Handle with care during transportation to prevent damage to packaging and containers.

Equip with corresponding types and quantities of fire-fighting equipment and emergency response equipment for leaks.

Storage considerations

Store according to local regulations. Store in the original container.

Keep the container sealed until use.

Avoid direct sunlight, store in a dry, cool, and well ventilated place, and keep away from incompatible materials (see Part 10).

Keep away from heat sources, sparks, open flames, and hot surfaces.

Equip with corresponding types and quantities of fire-fighting equipment and emergency response equipment for leaks.

Part 8: Exposure control / personal protection

Control parameters:

There are no known national exposure limits.

Engineering control

Maintain adequate ventilation, especially in enclosed areas.

Ensure that there are eye wash and shower facilities near the workplace.

Use explosion-proof electrical appliances, ventilation, and lighting equipment.

Set up emergency evacuation routes and necessary risk mitigation areas.

Personal protective equipment

Eye protection

Wear safety goggles that meet the requirements.

Hand protection

Wear rubber gloves or surgical gloves.

Respiratory system protection

When the dust concentration in the air exceeds the standard, a filter type dust respirator must be worn. During emergency rescue or evacuation, air respirators should be worn.

Skin and body protection

Wear work clothes that prevent the penetration of toxins.

Part 9: Physical and chemical properties

Appearance: solid (granular)

Color: no data

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Smell: no information available

Odor threshold: no data

pH: 4~8

Melting point / solution solid point (°C): no data

Initial boiling point and boiling range (°C): no data

Flash point (°C) (closed cup): no data

Evaporation rate: no data

Flammability: not flammable

Upper / lower explosion limit [% (V / V)]: no data available

Steam pressure (kPa): no data

Relative vapor density (air = 1): no data

Relative density (water = 1): 0.5~0.6

Soluble: partly miscible with water

Partition coefficient of n-octanol / water: no data

Natural temperature (°C): no data

Decomposition temperature (°C): no data

Kinematic viscosity (mm²gs): no data

Part 10: Stability and reactivity

Reactivity

It is stable under the correct use and storage conditions.

Stability

The chemical property of this substance is stable.

Conditions to avoid

No information available.

Incompatible materials

No information available.

Hazardous decomposition products:

Under normal storage and use conditions, there will be no dangerous decomposition products.

Part 11: Toxicological data

Acute toxicity

No information available.

Skin irritation or corrosion

No information available.

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Eye irritation or corrosion

No information available.

Respiratory sensitization

There is no known cause of human respiratory hypersensitivity.

Skin sensitization

No information available.

Mutagenicity of biological cells

According to the available data, products are not classified.

Carcinogenicity

EPA, IARC, NTP, OSHA and ACGIH have no data of carcinogenicity classification.

Reproductive toxicity

According to the available data, products are not classified.

Additional harm of reproductive toxicity

According to the available data, products are not classified.

Specific target organ systemic toxicity - single exposure

According to the available data, products are not classified.

Specific target organ systemic toxicity repeated exposure

According to the available data, products are not classified.

Inhalation hazard:

According to the available data, products are not classified.

Part 12: Ecological data

Aquatic toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Sodium benzoate	LC ₅₀ :484mg/L (96h)(Fish)	No information available	No information available

Chronic aquatic toxicity

No information available.

Persistence and degradability

Degradability

No information available.

Bioaccumulation or bioaccumulation

Bioaccumulability

No information available.

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Mobility in soil

Mobility

No information available.

Other hazards

No information available.

Part13: Waste disposal

Waste

Refer to the relevant state, local and national regulations for correct treatment.

Avoid or reduce waste as much as possible.

Contaminated packaging

Avoid or reduce waste generation as much as possible.

It should be recycled. Incineration or landfill should be considered only when recycling is not feasible.

Precautions for waste disposal

Refer to national and local regulations for handling containers and unused contents.

Part 14: Transportation information

Transport rules

According to the International Air Transport Association's Dangerous Goods Regulations 66 edition, the International Maritime Dangerous Goods Regulations (42-24 edition), and the European Land Transport Dangerous Goods Regulations. This product is not regulated by IATA DGR, IMDG, and ADR/RID.

Shipping labels and markings

Nothing

Road transport (UN-ADR)

UN dangerous goods transport number: unrestricted goods

UN's correct shipping name: unrestricted goods

Main dangerous category of transportation: unrestricted goods

Transport secondary hazard category: None

Packing type: non restricted goods

Special provisions: None

Hazard identification code: None

Air transport (ICAO-IATA/DGR)

UN dangerous goods transport number: unrestricted goods

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UN's correct shipping name: unrestricted goods

Main dangerous category of transportation: unrestricted goods

Transport secondary hazard category: None

Packing type: non restricted goods

Special provisions: None

ERG Code: None

Shipping (IMDG-CODE)

UN dangerous goods transport number: unrestricted goods

UN's correct shipping name: unrestricted goods

Main dangerous category of transportation: unrestricted goods

Transport secondary hazard category: None

Packing type: non restricted goods

Special provisions: None

Marine pollutants (yes / no): no

EMS no: no

Part 15: Regulatory information

1. Catalogue of high toxic substances, Ministry of health notice No.142, 2003
2. List of dangerous chemicals (2015 Edition), No.5 announcement of the State Administration of work safety in 2015
3. Catalogue of hazardous chemicals under key environmental management, Document No. 33, 2014, issued by the general office of the Ministry of environmental protection
4. List of toxic chemicals with strict import and export restrictions in China, Ministry of environmental protection Announcement No. 85, 2013
5. Catalogue of explosive hazardous chemicals (2011 Edition), announcement of Ministry of public security on November 25, 2011
6. Catalogue of narcotic drugs and psychotropic drugs (2013 Edition), Notice No. 230 of the State Food and Drug Administration in 2013
7. List of China's import and export of controlled ozone depleting substances (batch 1-6), 2000-2012 series announcements of the Ministry of environmental protection
8. List of hazardous chemicals under key supervision (batch 1 and batch 2), No. 95 of 2011 and No. 12 of 2013 issued by the State Administration of work safety

Part 16: Other information

Reference

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1. National Cancer Research Institute
2. OECD global chemicals information platform
3. U.S. Department of transportation: emergency response guidelines
4. Gestis - database of hazardous substances in Germany
5. American Cameo chemical substances database
6. American Medical Library: chemical labeling database
7. United States Environmental Protection Agency: integrated hazard information system
8. International chemical safety program: international chemical safety card (ICSC)

Disclaimers

All the above information is only based on our existing knowledge, and the data and materials are for reference only. Users should judge its usability according to the application requirements, especially pay attention to new and different hazards when the product is mixed with other materials, and provide necessary safety precautions according to relevant rules.

*****End of SDS*****

