



Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Yeast Beta Glucan

Brand: SENYO

Synonyms: None known

Company Identification:

Zhejiang Senyo Biotech Co.,Ltd.
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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
9012-72-0	β -1,3/1,6-Glucan	≥ 70.0

Section 3 - Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Hazardous in case of eye contact (irritant), of ingestion, of inhalation.

Carcinogenic Effects: Not available

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Section 4 - First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5 - Fire Fighting Measures

Flammability of the product :	Maybe combustible at high temperature
Auto ignition temperature:	Not available
Flash points:	Not available
Flammable limits:	Not available
Products of combustion:	Not available

Fire hazards in presence of various substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat.
Non-flammable in presence of shocks.

Explosion hazards in presence of various substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire fighting media and instructions:

Small fire- use dry chemical powder.

Large fire-use water spray,fog or foam, don't use water jet.

Special remarks on fire hazards:

Fine powder forms flammable and explosive mixtures in air.

Special remarks on explosion hazards : Not available

Section 6 - Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning.

Section 7 - Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage:

Light Sensitive. Store in light-resistant container. Keep container tightly closed. Keep container in a cool, well-ventilated area. Refrigerate. Do not store above 8°C (46.4°F).

Section 8 - Exposure Controls, Personal Protection

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventila

to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used

to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist

BEFORE handling this product.

Exposure Limits: Not available.

Section 9 - Physical and Chemical Properties

Physical State: Solid (powder).

Appearance: Yellowish to yellow-brown powder; characteristic odor of yeast; no external obvious impurity.

Odor: Characteristic odor.

pH: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not applicable.

Evaporation Rate: Not available.

Viscosity: Not applicable.

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Decomposition Temperature: Not available.

Solubility in water: Can't soluble.

Specific Gravity/Density: Not available.

Evaporation rate: Not applicable.

Melting point: Not applicable

Partition coefficient: Not applicable.

Section 10 - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatibles

Incompatibility with various substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity: no information found.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11 - Toxicological Information

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Inhalation: May cause respiratory tract and mucous membrane irritation.

Ingestion: May cause gastrointestinal tract irritation.

Chronic Potential Health Effects: no information found at this time.

The toxicological properties of this substance have not been fully investigated.

Section 12 - Ecological Information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Section 13 - Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated.	Not regulated.
Hazard Class:		
UN Number:		
Packing Group:		

Section 15 - Regulatory Information

The preparation does not contain dangerous ingredients. Refer to the regulation of the country of import.

Section 16 - Additional Information

- Label Hazard Warning:** As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
- Label Precautions:** During use avoid contact with eyes, skin, clothing. Wash thoroughly after handling. When not in use keep in tightly closed container.
- Label First Aid:** Not applicable.
- Revision Information:** Ver1.0 Apr.12, 2010

The information above is believed to be accurate and represents the best information currently available to us. However, we make 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.