

MATERIAL SAFETY DATA SHEET

1: Product Identification

Product Identifier

Product Name: Tongkat Ali Extract

Botanical Source: Eurycoma longifolia Jack

Identified uses: Ingredient for dietary supplements, functional foods, and cosmetics.

Details of the Supplier of the Safety Data Sheet

Supplier: Xi'an Land Nutra Co., Ltd.

Address: 12th Floor, Vanke Huizhi Center, Yanta District, Xi'an City, Shaanxi, China

Telephone: +86 187 9283 0256

Email: sale03@landnutra.com

2: Hazard Identification

GHS Classification:

Not classified as hazardous. Normal handling and use for intended purpose does not present a significant hazard.

Dust Explosion Hazard: Fine powder. Can form combustible dust clouds. Potential for dust explosion under specific conditions (high concentration in air, presence of ignition source).

May cause mild eye and respiratory tract irritation.

Label Elements:

Not classified as hazardous. Normal handling and use for intended purpose does not present a significant hazard.

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Other Hazards:

None known..

3: Composition / Information On Ingredients

Description: Tongkat Ali Root Extract

Ratio:10:1

Moisture: $\leq 5\%$

Ash: $\leq 5\%$

Heavy metals (as Pb): ≤ 10 ppm

4: First Aid Measures

General Advice:

If you feel unwell, seek medical advice.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek immediate medical attention.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation occurs, get medical attention.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes, holding eyelids open. If irritation persists, consult a physician.

Ingestion:

Rinse mouth with water. Do NOT induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

Notes to Physician:

Treat symptomatically..

5: Fire Fighting Measures

Suitable Extinguishing Media:

Use water spray, foam, dry chemical, or CO₂ extinguishers.

Unsuitable Extinguishing Media:

No specific restrictions.

Specific Hazards Arising from the Substance/Mixture:

Heating may release toxic fumes (carbon monoxide, carbon dioxide, etc.). Fine powder can form explosive mixtures with air.

Special Protective Equipment and Precautions for Firefighters:

Wear self-contained breathing apparatus and full protective gear.

6: Accidental Release Measures

Personal Precautions:

Wear appropriate PPE (see Section 8). Avoid dust generation. Ensure adequate ventilation.

Environmental Precautions:

Prevent product from entering drains, waterways, or soil.

Methods for Containment and Clean-up:

Sweep up carefully with a non-sparking tool (e.g., plastic shovel) and collect in a clean, dry, covered container. Use a damp cloth to wipe up residue. Do not use compressed air for cleaning to prevent dust dispersion.

7: Handling and Storage

Safe Handling:

Handle in a well-ventilated area.

Use measures to prevent dust generation and accumulation (local exhaust ventilation).

Avoid contact with eyes, skin, and clothing.

Wash hands thoroughly after handling.

Do not eat, drink, or smoke while handling.

Storage Conditions:

Store in a cool, dry, well-ventilated place.

Keep container tightly closed.

Store away from heat, sparks, and open flame.

Store separately from strong oxidizing agents..

8: Exposure Control and Personal Protection

Engineering Controls:

Provide adequate local exhaust ventilation, especially during operations that may generate dust.

Personal Protective Equipment (PPE):

Respiratory Protection: Use a dust respirator (e.g., N95/P1 standard) if dust concentrations are high.

Hand Protection: Wear protective gloves impervious to dust.

Eye Protection: Wear safety glasses or face shield

Skin and Body Protection: Wear dust-proof work clothes.

Hygiene Measures: Do not eat, drink, or smoke in the work area. Wash hands before eating, drinking, or using the toilet after work..

9: Physical and Chemical Properties

Property	Value
Appearance	Brown powder
Odor	Characteristic ginger odor
pH (1% slurry)	4.5–6.5
Solubility in water	Partially soluble
Bulk Density	0.5–0.6 g/cm ³

Property	Value
Flash Point	Not applicable
Auto-ignition Temperature	May exist (to be determined by test).
Explosion Properties	Dust-air mixtures may be explosive.

10: Stability and Reactivity

Chemical Stability:

Stable under recommended storage conditions.

Conditions to Avoid:

High temperatures, moisture, open flame, strong oxidizing agents.

Hazardous Decomposition Products:

None under normal use. May produce carbon monoxide, carbon dioxide, and unknown organic compounds upon thermal decomposition or combustion.

Possibility of Hazardous Reactions:

Will not occur.

11: Toxicological Information

Acute Toxicity:

Expected to be of low toxicity based on traditional use of the botanical source. LD₅₀ (rat, oral) expected > 2000 mg/kg.

Skin Corrosion/Irritation:

May cause mild irritation.

Serious Eye Damage/Irritation:

Dust may cause mechanical irritation.

Respiratory Irritation:

Inhalation of dust may cause respiratory tract irritation.

Sensitization:

No known information.

Carcinogenicity, Mutagenicity, Reproductive Toxicity (CMR):

Not classified as a CMR substance by IARC, NTP, or EU.

12: Ecological Information

Ecotoxicity:

No specific data available. As organic material, release in large quantities into water may have adverse effects on aquatic environment (oxygen depletion).

Persistence and Degradability:

Expected to be biodegradable.

Bioaccumulative Potential:

Expected low bioaccumulation potential.

Mobility in Soil:

No data available.

13: Disposal considerations

Waste Disposal Method

Dispose of in accordance with local regulations. Uncontaminated product may be treated as general industrial waste or handed to a licensed waste contractor. Contaminated product should be treated as chemical waste. Do not flush into sewers or the environment

14: Transport Information

Land/Sea/Air Transport (Non-Hazardous):

UN Number: Not applicable.

Proper Shipping Name: PLANT EXTRACT, N.O.S., Powder.

Transport Hazard Class(es): Not regulated.

Packing Group: Not applicable.

Special Precautions for User:

Keep container sealed and dry. Separate from food and feedstuffs..

15: Regulatory Information

China Regulations: Compliant with Food Safety Law and relevant standards (if approved as a food ingredient).

USA: Compliant with FDA regulations for dietary supplement ingredients under DSHEA/GRAS provisions, as applicable.

EU: May be subject to Novel Food regulations depending on the specific product form and history of use.

Other Regulations: The information in this SDS is based on our current state of knowledge. The user is responsible for complying with all applicable laws and regulations in their country or region.

16: Disclaimer

The information contained herein is based on data considered accurate and reliable. However, no warranty, express or implied, is given regarding the accuracy, reliability, or completeness of this information. It is the user's responsibility to determine safe conditions for use and to comply with all applicable laws and regulations.

