SAFETY DATA SHEET

PINHONBIO® TECA 95%

1. Identification

Product identifier	PINHONBIO® TECA 95%
Product description	Titrated extract of Centella asiatica; standardized triterpenic mixture
INCI name on supplied COA	CENTELLA ASIATICA EXTRACT
Recommended use	Cosmetic raw material for professional formulation
Restrictions on use	Not for direct consumer use. Finished-product suitability and market compliance must be assessed by the formulator.
Supplier	Shaanxi Pinhon Biotechnology Co., Ltd.
Address	Room 704, Unit 2, Building 1, I-Duhui, No. 11 Tangyan South Road, Yanta District, Xi'an, Shaanxi, China
Website	https://pinhoningredients.com/
Emergency contact	Albert Zhao, +86 173 0298 1616; 09:00-18:00 China Standard Time; Chinese/English

2. Hazard Identification

GHS classification	Not classified as hazardous based on the available information for the supplied mixture.
Label elements	No hazard pictogram, signal word or hazard statement required.
Other hazards	Airborne powder may cause mechanical irritation of the eyes and respiratory tract. Botanical ingredients may cause sensitization in susceptible individuals. Avoid generating and breathing dust.
Precautionary advice	Use adequate ventilation. Avoid contact with eyes. Wear suitable gloves and eye protection during bulk handling. Wash thoroughly after handling.

3. Composition and Information on Ingredients

Component	CAS / EC	Concentration	GHS classification
Asiaticoside (C48H78O19; 959.12 g/mol)	16830-15-2 / 240-851-7	36-44%	Not classified in the cited ECHA C&L notifications
Asiatic acid (C30H48O5; 488.70 g/mol)	464-92-6 / 482-720-9	Part of 54-66% combined free genins	Insufficient mixture-specific data for classification
Madecassic acid (C30H48O6; 504.70 g/mol)	18449-41-7 / 606-031-1	Part of 54-66% combined free genins	Insufficient mixture-specific data for classification
Centella asiatica extract	84696-21-9 / 283-640-5	5%	Not classified on available information

4. First Aid Measures

Inhalation	Move to fresh air. Keep at rest. Obtain medical attention if coughing, breathing difficulty or irritation persists.
Skin contact	Remove contaminated clothing. Wash with soap and water. Obtain medical advice if irritation or sensitization develops.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if easy to do and continue rinsing. Seek medical advice if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Obtain medical advice if unwell.
Most important effects	Dust may cause transient mechanical irritation. Allergic skin response is possible in susceptible individuals.
Advice to physician	Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide, selected for the surrounding fire.
Specific hazards	Not classified as a flammable solid. Organic powder may burn under strong heating. Dust explosibility data are not available; avoid suspended dust and ignition sources.
Hazardous combustion products	Carbon monoxide, carbon dioxide and irritating fumes.
Protective equipment	Wear self-contained breathing apparatus and full protective equipment when fighting a significant fire.

6. Accidental Release Measures

- Avoid breathing dust and prevent contact with eyes. Ensure adequate ventilation and use appropriate personal protective equipment.
- Prevent entry into drains, surface water and soil.
- Collect carefully by vacuum equipped with an appropriate filter or by gentle sweeping that minimizes dust. Place in a closed, labeled container for disposal.
- Wash the affected area after material recovery.

7. Handling and Storage

Safe handling	Avoid dust generation. Use local exhaust where bulk powder is transferred. Do not eat, drink or smoke in the handling area.
Storage	Keep tightly closed in a cool, dry and shaded place. Protect from moisture, heat and direct light.
Recommended temperature	Controlled room temperature; preferably not above 25°C.
Incompatibilities	Strong oxidizing agents.
Shelf life	24 months in unopened original packaging when stored as recommended.

8. Exposure Controls and Personal Protection

Occupational exposure limits	No mixture-specific occupational exposure limit has been established.
Engineering controls	Provide general ventilation and local exhaust where dust may form.
Respiratory protection	When dust cannot be adequately controlled, use a properly fitted particulate respirator selected under the applicable workplace program.
Hand protection	Protective gloves suitable for the task and exposure duration.
Eye protection	Safety glasses with side shields; use goggles when dusty operations may occur.
Skin protection	Protective work clothing appropriate to the scale of handling.
Hygiene measures	Wash hands after handling and before breaks. Launder contaminated clothing before reuse.

9. Physical and Chemical Properties

Appearance	Off-white to white powder
Odor	Characteristic
pH	No data available
Melting / boiling point	No mixture-specific data available
Flash point	Not applicable to the supplied solid
Flammability	Not classified as a flammable solid
Vapor pressure	Not applicable / negligible for the solid mixture
Relative density	No data available
Water solubility	Practically insoluble; formulation behavior depends on the solvent system
Other solubility	More compatible with alcohols and polyols; verify in the intended formulation
Particle size	>=98% through 80 mesh

10. Stability and Reactivity

Reactivity	No hazardous reaction expected under recommended handling conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No hazardous polymerization expected.
Conditions to avoid	Moisture, excessive heat, direct light, dust accumulation and ignition sources.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition	Carbon monoxide, carbon dioxide and irritating fumes may form during combustion.

11. Toxicological Information

Acute toxicity	No adequate mixture-specific acute-toxicity data are available. The supplied mixture is not classified for acute toxicity based on available component information.
Skin corrosion / irritation	No adequate mixture-specific data. Prolonged contact may cause irritation in sensitive individuals.
Serious eye damage / irritation	Dust may cause mechanical eye irritation.
Sensitization	Centella asiatica-derived cosmetic ingredients are considered safe in current cosmetic uses when formulated to be non-sensitizing. Sensitization has been reported in susceptible individuals.
Mutagenicity / carcinogenicity / reproductive toxicity	No adequate mixture-specific data available; not classified on available information.
STOT / aspiration hazard	Not classified on available information. Aspiration classification is not applicable to the supplied solid.

12. Ecological Information

Ecotoxicity	No adequate mixture-specific data available.
Persistence and degradability	No mixture-specific data available.
Bioaccumulative potential	No mixture-specific data available.
Mobility in soil	No mixture-specific data available.
Other adverse effects	Avoid uncontrolled environmental release.

13. Disposal Considerations

Dispose of surplus material and contaminated packaging through a licensed waste contractor in accordance with local regulations. Do not discharge to drains or the environment. Empty packaging should not be reused unless appropriately cleaned and authorized.

14. Transport Information

UN number	Not assigned
ADR / RID	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
IATA / ICAO	Not regulated as dangerous goods
Transport hazard class / packing group	Not assigned
Environmental hazards	Not classified as a marine pollutant on available information
Special precautions	Keep packaging dry, closed and protected from heat and physical damage. Confirm current carrier and destination requirements before shipment.

15. Regulatory Information

GHS status	Not classified as hazardous based on available information for the supplied mixture.
Cosmetic use	The customer is responsible for confirming the applicable cosmetic ingredient name, permitted use, restrictions and finished-product compliance in each destination market.
INCI declaration	The supplied COA declares CENTELLA ASIATICA EXTRACT. Some highly purified TECA materials are declared by the individual constituent names Asiaticoside, Madecassic Acid and Asiatic Acid.
Chemical safety assessment	A mixture-specific chemical safety assessment has not been carried out.

16. Other Information

Issue date / version	27 Sep 2026 / Version 1.0
Prepared by	Shaanxi Pinhon Biotechnology Co., Ltd.
Basis	Supplied PINHONBIO COA TECA 95% 2026; available identity, safety and technical information.
References	European Medicines Agency public statement and assessment report on Centella asiatica; Cosmetic Ingredient Review safety assessment of Centella asiatica-derived ingredients; PubChem and ChemSrc records for asiaticoside, asiatic acid and madecassic acid; public technical information for highly purified TECA grades.

Disclaimer: This SDS is based on the supplied product specification and information available on the issue date. It provides guidance for occupational handling, storage, transport and disposal and is not a warranty or finished-product safety assessment. Users must evaluate their own process, exposure and regulatory obligations.