SAFETY DATA SHEET

PINHONBIO® Centella Asiatica Extract - Total Triterpenes 80%

1. Identification

Product identifier	PINHONBIO® Centella Asiatica Extract - Total Triterpenes 80%
INCI name	CENTELLA ASIATICA EXTRACT
CAS / EC	84696-21-9 / 283-640-5
Product description	Water-soluble, standardized whole-plant extract; cosmetic grade
Recommended use	Cosmetic raw material for professional formulation
Restrictions on use	Not for direct consumer use. Finished-product suitability and 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 / email	https://pinhoningredients.com/ | info@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 on the information available for the supplied product.
Signal word	None
Pictogram	None required
Hazard statements	None required
Other hazards	Airborne dust may cause mechanical irritation to the eyes and respiratory tract. Organic powder can burn under strong heating; avoid dust accumulation and ignition sources.
PBT / vPvB	Not assessed; product-specific data are not available.

Precautionary advice: Avoid breathing dust and contact with eyes. Use adequate ventilation. Wash hands after handling. Wear eye protection and suitable gloves during bulk handling.

3. Composition and Information on Ingredients

Component	CAS No.	Concentration	GHS classification
Asiaticoside	16830-15-2	Part of combined >=80.0%	Not classified on available information
Madecassoside	34540-22-2	Part of combined >=80.0%	Not classified on available information
Asiaticoside B	125265-68-1	Part of combined >=80.0%	Not classified on available information
Other natural Centella asiatica extract constituents	Mixture	Balance to 100%; <=20.0% at the minimum assay specification	No additional classification established

The product is the botanical extract identified by CAS 84696-21-9 / EC 283-640-5. Individual ratios of the three marker glycosides are batch-dependent and are not separately specified.

4. First Aid Measures

Inhalation	Move to fresh air. Obtain medical advice if coughing, breathing difficulty or irritation persists.

Skin contact	Wash with soap and water. Remove contaminated clothing. Obtain medical advice if irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain 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	Product-specific toxicological data are limited. Dust may cause temporary mechanical irritation.
Advice to physician	Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media	Water spray, foam, dry chemical or carbon dioxide, selected for the surrounding fire.
Specific hazards	Not classified as a flammable solid. Organic botanical powder may burn under strong heating; a concentrated dust cloud may present a combustion hazard.
Combustion products	Carbon monoxide and carbon dioxide may form during combustion.
Firefighter protection	Wear self-contained breathing apparatus and full protective equipment for a significant fire.

6. Accidental Release Measures

- Keep unnecessary personnel away. Ventilate the area and avoid breathing dust.
- Wear suitable gloves and eye protection. Use particulate respiratory protection when dust cannot be controlled.
- Prevent uncontrolled entry into drains, surface water and soil.
- Collect by filtered vacuum or careful sweeping that minimizes dust. Place in a closed, labeled container for reuse or disposal.
- Wash the affected area after recovery. Avoid dry compressed-air cleaning.

7. Handling and Storage

Safe handling	Avoid dust generation and contact with eyes. Provide local exhaust during bulk transfer. Do not eat, drink or smoke in the handling area.
Storage	Keep tightly closed in a cool, dry and shaded place. Protect from direct sunlight, heat, moisture and contamination.
Incompatible materials	Strong oxidizing agents.
Shelf life	24 months in unopened original packaging when stored as recommended.

8. Exposure Controls and Personal Protection

Occupational limits	No product-specific occupational exposure limit was identified in the information reviewed. Control airborne dust according to applicable local limits for particulates.
Engineering controls	Provide general ventilation and local exhaust where dust may form.
Respiratory protection	Use an approved particulate respirator when ventilation does not adequately control airborne dust.
Hand protection	Wear protective gloves suitable for the task and exposure duration.
Eye protection	Safety glasses with side shields; use goggles for dusty operations.
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

Physical state	Powder

Color	Off-white
Odor / taste	Characteristic
Water solubility	Good solubility in water; supplier specification
pH	No product-specific value available
Melting point	Not determined for the botanical mixture
Flash point	Not applicable to the supplied solid
Flammability	Not classified as a flammable solid
Vapor pressure	Negligible / not applicable to the supplied solid
Other properties	No additional product-specific data available

10. Stability and Reactivity

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

11. Toxicological Information

Acute toxicity	No product-specific acute toxicity values are available. No acute-toxicity classification is assigned on the information reviewed.
Skin irritation	No product-specific data sufficient for classification were identified.
Eye irritation	Dust may cause temporary mechanical irritation; no product-specific data sufficient for classification were identified.
Respiratory effects	Airborne dust may cause temporary mechanical irritation.
Sensitization	No product-specific data sufficient for classification were identified.
Mutagenicity	No product-specific data sufficient for classification were identified.
Carcinogenicity / reproductive toxicity	No product-specific data sufficient for classification were identified.
Aspiration hazard	Not applicable to the supplied solid.

12. Ecological Information

Ecotoxicity	No product-specific aquatic toxicity values are available. No aquatic hazard classification is assigned on the information reviewed.
Persistence / degradability	No product-specific data available.
Bioaccumulative potential	No product-specific data available.
Mobility in soil	No product-specific data available.

Other effects	Avoid uncontrolled environmental release.

13. Disposal Considerations

Dispose of surplus material, spill residues and contaminated packaging through a licensed waste contractor in accordance with local regulations. Do not discharge large quantities to drains or the environment.

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 class / packing group	Not assigned
Environmental hazards	Not classified as a marine pollutant on available information
Special precautions	Keep packaging dry, tightly closed and protected from heat and physical damage. Confirm current carrier requirements before shipment.

15. Regulatory Information

Cosmetic ingredient identity	INCI: CENTELLA ASIATICA EXTRACT; CAS 84696-21-9; EC 283-640-5.
GHS status	Not classified as hazardous on the information available for the supplied product.
Cosmetic use	The customer is responsible for confirming the applicable ingredient name, use conditions and finished-product compliance in each destination market.
Chemical safety assessment	No supplier-specific chemical safety assessment is included with this document.

16. Other Information

Issue date / version	30 Sep 2026 / Version 1.0
Prepared by	Shaanxi Pinhon Biotechnology Co., Ltd.
Information basis	Supplier COA; US EPA CompTox; COSMILE Europe; PubChem.

Disclaimer: This SDS is based on the supplier specification and information available on the issue date. Users must assess their own handling conditions and regulatory duties.