SAFETY DATA SHEET | GENERAL ENGLISH

Safety Data Sheet

PINHONBIO® EUK-134

PH-XPNS 004 | General English | Version 1.3

Safety information for the supplied EUK-134 powder. Read the handling, exposure-control and disposal instructions before use.

1. Identification

Product identifier	PINHONBIO® EUK-134
INCI	ETHYLBISIMINOMETHYLGUAIACOL MANGANESE CHLORIDE
CAS / product code	81065-76-1 / PH-XPNS 004
Recommended use	Cosmetic raw material for professional formulation. Not for direct consumer use; no food, drug or therapeutic suitability established.
Manufacturer & 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
Contact	info@pinhoningredients.com | https://pinhoningredients.com/
Emergency contact	Albert | +86 173 0298 1616 | 09:00-18:00 China Standard Time (UTC+8), Chinese and English. Not a 24-hour service. Outside these hours, contact local emergency services.

2. Hazard identification

GHS classification	Not classified as a hazardous substance under GHS / OSHA HCS.
Hazard pictograms	None required.
Signal word	None.
Hazard statements	None assigned.
GHS precautionary statements	None required by the assigned classification; observe good industrial hygiene and the precautions below.

Classification is the supplier determination for the declared product, informed by the available substance information. It is not a statement that all toxicological endpoints have been tested or that exposure is without risk.

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2. Hazard identification continued

Safe handling precautions

Avoid breathing dust; work with ventilation. Wear protective gloves, eye protection and appropriate protective clothing. Wash exposed skin after handling. Do not eat, drink or smoke during use. If swallowed, rinse the mouth and obtain medical advice promptly. For skin, eye or inhalation exposure, follow Section 4; obtain medical advice if irritation persists. Remove contaminated clothing before reuse. Keep the container tightly closed in a ventilated, secure storage area. Dispose of material and packaging as described in Section 13.

Other hazards: airborne powder may mechanically irritate eyes and airways. Product dust-explosion characteristics, PBT/vPvB status and endocrine-disruption properties have not been established. Lack of test data is not evidence of absence of hazard.

3. Composition and information on ingredients

Component	CAS	Supplier declaration
EUK-134	81065-76-1	99-100% w/w; powder
Added carrier or solvent	Not applicable	None intentionally added

The composition declaration is retained from the supplied PINHONBIO documents. HPLC assay and peak-area purity are different measurements and are not used to calculate trace-impurity composition. No hazardous-impurity absence is inferred.

4. First aid measures

Inhalation	Move to fresh air and keep at rest. Seek medical advice if symptoms persist; seek urgent assistance for breathing difficulty. If not breathing, trained personnel should provide appropriate resuscitation.
Skin	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice for persistent irritation.
Eyes	Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easy to do; continue rinsing. Seek medical attention if irritation persists or is severe.
Ingestion	Rinse mouth if conscious. Do not induce vomiting. Obtain medical advice promptly. Never give anything by mouth to an unconscious person.
Symptoms / treatment	Dust may cause mechanical discomfort to eyes and airways. Product-specific acute and delayed effects are not fully established. Treat symptomatically and provide this sheet to medical personnel.

5. Fire fighting measures

Select water spray, foam, dry chemical or carbon dioxide appropriate to the surrounding fire. Avoid a strong water jet that disperses powder. Fire or severe heating can produce carbon oxides, hydrogen chloride and manganese-containing fumes or oxides; other decomposition products are not fully characterized. Firefighters should use self-contained breathing apparatus and suitable protective clothing. Prevent contaminated firefighting water from entering drains.

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6. Accidental release measures

Keep unnecessary personnel away and ventilate. Avoid raising or breathing dust. Use the protection in Section 8. Prevent release to drains, soil and surface water. Collect carefully by mechanical means or with a suitable filtered vacuum into a closed, labeled container. Avoid compressed-air cleaning. Dispose of collected material under Section 13.

7. Handling and storage

Use local exhaust for weighing and transfers that generate dust. Avoid ingestion and contact with eyes or skin. Keep separate from food and beverages. Keep tightly closed in a cool, dry, shaded, ventilated area, protected from moisture, excessive heat, direct sunlight and contamination. Store separately from strong oxidizing agents and restrict unauthorized access. The supplier-stated quality shelf life is 24 months; follow the batch-specific expiry date. Other suppliers' research-product storage temperatures are not substituted for the supplied PINHONBIO storage specification.

8. Exposure controls and personal protection

Control parameter	Value / scope
US federal OSHA PEL	Manganese compounds and fume: ceiling 5 mg/m³, expressed as Mn [4]. This is not an 8-hour TWA or a total EUK-134 powder limit.
NIOSH recommended limit	Manganese compounds and fume: TWA 1 mg/m³ (up to 10 hours); short-term 3 mg/m³, expressed as Mn [5]. Recommendations are distinct from a legal PEL.
Applicability	No EUK-134-specific numerical limit was established in this review. Assess manganese-containing exposure and apply applicable local limits, which may be stricter.
Engineering controls	General ventilation and local exhaust at dust sources; provide eyewash and washing facilities. Assess workplace airborne exposure.
Eyes / face	Safety glasses with side shields; use suitable goggles for dusty work.
Hands / body	Chemical-resistant gloves and protective clothing. Select glove material and breakthrough time for the actual task, concentration and exposure duration. No product-specific glove permeation test is supplied.
Respiratory protection	Use an approved particulate respirator when ventilation is insufficient. Select and fit-test through the workplace respiratory-protection program and exposure assessment.
Hygiene / environment	Wash hands before breaks and after use. Remove contaminated clothing before reuse. Prevent uncontrolled environmental release.

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9. Physical and chemical properties

Property	Information
Physical state / color / odor	Powder / dark brown / characteristic (supplier declaration)
Molecular formula / weight	C18H18ClMnN2O4 / 416.7 g/mol
Particle size	≥95% passes an 80-mesh sieve (supplier specification); no aerodynamic dust-size distribution supplied.
Melting / freezing point	No applicable measured value available for the supplied product.
Boiling point / range	No applicable measured value available.
Flammability / explosion limits	No product-specific test data available.
Flash point	Not established; material is supplied as a solid.
Autoignition / decomposition temperature	No product-specific data available.
pH	No value established; solution concentration and test conditions are not specified.
Kinematic viscosity	Not applicable to the supplied solid.
Solubility	No PINHONBIO batch solubility measurement established. Published values depend on solvent, temperature and material; a general water-solubility guarantee is not assigned.
Partition coefficient / vapor pressure	No product-specific data available.
Density / relative vapor density	No product-specific data available.
Odor threshold / oxidizing properties	No product-specific data available.

10. Stability and reactivity

No product-specific reactivity study is available. Keep under Section 7 storage conditions; avoid strong oxidizing agents, excessive heat, moisture and contamination. No hazardous-polymerization data are established. Decomposition products under fire conditions are described in Section 5; normal-use stability is not inferred from the supplier's quality shelf life.

11. Toxicological information

Exposure may occur through dust inhalation, ingestion, skin or eye contact. Quantitative product-specific oral, dermal and inhalation toxicity data (LD50, LC50 and acute-toxicity estimates) are not available. Skin irritation, serious eye irritation and single-exposure target-organ toxicity data are insufficient for a product-specific numerical assessment. The substance is not classified under Section 2; this does not establish absence of all potential effects. Observe Section 8 exposure controls.

Adequate product-specific data are unavailable for sensitization, germ-cell mutagenicity, carcinogenicity, reproductive toxicity, repeated-exposure target-organ effects and aspiration hazard. Do not interpret these data gaps as negative tests. Assess repeated exposure to manganese-containing dust at work; evidence for manganese compounds generally does not establish an EUK-134-specific repeated-dose category.

12. Ecological information

Product-specific aquatic toxicity, persistence, degradability, bioaccumulation and soil-mobility data are unavailable. PBT/vPvB and endocrine-disruption assessments are not established. Avoid environmental release; do not infer ecological safety from absence of a classification.

13. Disposal considerations

Use an authorized waste contractor in accordance with applicable local requirements. Keep residues and contaminated packaging labeled and separate from incompatible wastes. Do not discharge into drains or waterways. Do not reuse contaminated packaging for food or consumer products.

14. Transport information

Item	Information
US DOT / 49 CFR	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
UN number / proper shipping name	Not assigned.
Transport hazard class / packing group	Not assigned.
Environmental hazards	Not assigned as a marine pollutant on the available information.
Bulk maritime transport	Not applicable to the packaged powder described here.

Keep packages closed, dry and secured against damage. These entries apply to the declared product; carrier, route and packaging requirements must be checked for the actual shipment. This SDS is not a transport test report.

15. Regulatory information

This English SDS uses the 16-section format. The Section 2 classification addresses GHS / OSHA hazard communication; it does not establish chemical-inventory, registration or cosmetic-use authorization in every destination. Users and importers must comply with applicable local requirements. No independent regulatory certification is represented by this sheet.

16. Other information

Revision: 02 Nov 2026, version 1.3. Replaces the earlier EUK-134 SDS review versions. Hazard and transport classifications reflect the supplier confirmation and reviewed substance references. Handling precautions and available exposure-limit information are retained. TDS quality specifications are unchanged. The information describes safe handling of the stated product and is not a warranty of product properties; mixtures and other uses require their own assessment.

Source references (accessed 02 Nov 2026)

[1] Selleck Chemicals EUK-134, S4261, SDS, 09 Sep 2026. https://www.selleckchem.com/products/euk-134/msds.html

[2] Sigma-Aldrich SML0743 SDS, v6.9, 02 Jun 2025. https://www.sigmaaldrich.com/US/en/sds/sigma/sml0743

[3] Cayman Chemical 10006329 SDS, 11 Jun 2025. https://cdn.caymanchem.com/cdn/msds/10006329m.pdf

[4] OSHA Manganese compounds and fume. https://www.osha.gov/chemicaldata/501

[5] NIOSH Pocket Guide, Manganese compounds and fume. https://www.cdc.gov/niosh/npg/npgd0379.html

[6] OSHA 29 CFR 1910.1200(d). https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1200

Supplier basis: PINHONBIO EUK-134 TDS/SDS v1.1, 02 Oct 2026, supplied by Albert. GHS = Globally Harmonized System; PEL = permissible exposure limit; TWA = time-weighted average; Mn = manganese.