Corn Silk Water Soluble Extract - Zea mays

Zea mays · Poaceae

Water-soluble extract | Water-soluble

1. Product identification

Product name	Corn Silk Water Soluble Extract - Zea mays
Botanical name	*Zea mays* (syn. *Zea amylesaccharata, Zea gigantea, Zea japonica, Zea maiz, Zea segetalis*)
Plant family	Poaceae
Common names	Corn Silk (Thread Like Strands), Stigma Maydis, Silk Of Corn Plant, Corn Silk, Corn, Maize
Indian / Ayurvedic names	मक्का, मका, ভুট্টা, சோளம், మొక్క జొన్న
Plant part used	Flower
Product form	Water-soluble extract
Country of origin	India
Product code (SKU base)	84956-EXTL-ZEMAY

2. Composition and identifiers

INCI: Aqua, Zea Mays Flower Extract, Glycerin, Potassium Sorbate, Sodium Benzoate

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Aqua	Carrier (purified water)	7732-18-5	231-791-2	≈ 64 %
Zea Mays Flower Extract	Botanical extract	—	—	20 %
Glycerin	Carrier (vegetable glycerin, USP grade)	56-81-5	200-289-5	≈ 16 %
Potassium Sorbate	Preservative	24634-61-5	246-376-1	0.1–0.3 % (combined)
Sodium Benzoate	Preservative	532-32-1	208-534-8	0.1–0.3 % (combined)

Composition: carrier 80 % = water 80 : vegetable glycerin 20; botanical extract 20 %; preservatives 0.1–0.3 %. Carrier makes up the balance to 100 %. Extract concentration 20 %.

INCI status: INCI by naming convention (not in CosIng)

Where more than one CAS number is shown, the botanical substance is registered under several CAS numbers (e.g. EINECS and TSCA variants); all refer to the same INCI name.

3. Manufacturing

Process	Aqueous extraction
Additives	Preservatives: potassium sorbate and sodium benzoate, 0.1–0.3 % combined. No added colours or fragrance.

4. Typical properties

Physical state	Liquid (aqueous)
Appearance / colour	Characteristic of the plant material; may vary naturally between harvests
Odour	Characteristic
Solubility	Water-soluble
Flash point	Not flammable (aqueous solution)

Typical values describe the product type and are not a specification. Batch-specific results (assay, moisture, microbiology, heavy metals as applicable) are given on the batch Certificate of Analysis, sent with every order.

5. Applications and use

Applications	Skincare, Supplements
Markets	Cosmetics & personal care, Nutraceuticals
Suggested use level	Typical use level in cosmetics 1–10 % (water phase).

The formulator is responsible for confirming suitability, stability and regulatory compliance of the finished product in the intended market. Not intended for direct medicinal use.

6. Packaging, storage and shelf life

Pack sizes	225 g, 500 g, 1 Kg, 5 Kg, 25 Kg — bulk and custom quantities on request
Storage	Store in tightly closed containers in a cool (below 25 °C), dark place away from direct sunlight. Protect from freezing. Avoid microbial contamination; use clean equipment and reclose after use.
Shelf life	24 months from the date of manufacture in unopened original packaging stored as recommended. Once opened, keep closed and use within 6 months.

7. Documentation and quality

Safety Data Sheet	SDS-84956-EXTL-ZEMAY — available for download on the product page
Certificate of Analysis	Batch-specific COA sent with every order; available on request before ordering
Other documents	Allergen, IFRA, origin and other statements on request, subject to availability

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