Corn Silk PG Extract - Zea mays

Zea mays · Poaceae

Propylene glycol extract | Water-soluble

1. Product identification

Product name	Corn Silk PG 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	Propylene glycol extract
Country of origin	India
Product code (SKU base)	67264-PGE-ZEMAY

2. Composition and identifiers

INCI: Propylene Glycol, Aqua, Zea Mays Flower Extract

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Propylene Glycol	Solvent	57-55-6	200-338-0	—
Aqua	Solvent	7732-18-5	231-791-2	—
Zea Mays Flower Extract	Botanical extract	—	—	—

Solvent system: Propylene glycol : water 70:30.

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	Maceration in propylene glycol and water
Additives	No added colours, fragrance or preservatives unless stated on the label.

4. Typical properties

Physical state	Liquid
Appearance / colour	Characteristic of the plant material; may vary naturally between harvests

Odour	Characteristic
Solubility	Water-soluble
Flash point	Not flammable as supplied (aqueous solution); pure propylene glycol approx. 99 °C (closed cup)

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
Markets	Cosmetics & personal care
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, 1 Kg, 5 Kg, 25 Kg — bulk and custom quantities on request
Storage	Store in tightly closed containers in a cool (below 25 °C), dry place away from direct sunlight. Hygroscopic — keep containers closed.
Shelf life	24 months from the date of manufacture in unopened original packaging stored as recommended.

7. Documentation and quality

Safety Data Sheet	SDS-67264-PGE-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

THE AVAM COMPANY · H-108, Sector-63, Noida 201301, Uttar Pradesh, India · +91 817 8117 600 · contact@wholesalerco.com
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