Safflower PG Extract - Carthamus tinctorius

Carthamus tinctorius · Asteraceae

Propylene glycol extract | Water-soluble | INCI listed in EU CosIng

1. Product identification

Product name	Safflower PG Extract - Carthamus tinctorius
Botanical name	*Carthamus tinctorius* (syn. *Carthamus glaber, Carthamus inermis*)
Plant family	Asteraceae
Common names	Safflower, Saff Flower, Kusum Flower, Kusum Seeds, Phool Kusum Seeds, Dried Safflower Flower Seeds
Indian / Ayurvedic names	কুসুম ফুল
Product form	Propylene glycol extract
Country of origin	India
Product code (SKU base)	21516-PGE-CATIN

2. Composition and identifiers

INCI: Propylene Glycol, Aqua, Carthamus Tinctorius Extract

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Propylene Glycol	Solvent	57-55-6	200-338-0	—
Aqua	Solvent	7732-18-5	231-791-2	—
Carthamus Tinctorius Extract	Botanical extract	223749-52-8	—	—

Solvent system: Propylene glycol : water 70:30.

EU CosIng reference no.: 37269, 92472, 95541 · INCI status: Verified 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 Certificate of Analysis, available on request.

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-21516-PGE-CATIN — available for download on the product page
Certificate of Analysis	Batch-specific COA available on request
Other documents	Allergen, IFRA, origin and other statements on request, subject to availability

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