Carrot Seed CO2 Oil - Daucus carota

Daucus carota · Apiaceae

Essential oil | Oil-soluble

1. Product identification

Product name	Carrot Seed CO2 Oil - Daucus carota
Botanical name	*Daucus carota* (syn. *Daucus ceretanus, Daucus federicii, Daucus glaber, Daucus gonzaloi, Daucus guttatus, Daucus laevis*)
Plant family	Apiaceae
Common names	Carrot, Gajar, Gajjar, Queen Anne'S Lace, Wild Carrot, Bishop'S Lace
Indian / Ayurvedic names	மஞ்சள் முள்ளங்கி, కారెట్, ગજર, ക്കാരറ്റ്, گاجر
Plant part used	Seed
Product form	Essential oil
Country of origin	India
Product code (SKU base)	97543-OIL-DACAR

2. Composition and identifiers

INCI: Daucus Carota Seed Oil

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Daucus Carota Seed Oil	Botanical ingredient	8015-88-1	–	100 %

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	Supercritical CO_2 extraction
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	Oil-soluble
Flash point	Not determined for this batch — see COA (essential oils typically 40–100 °C)

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, Supplements
Markets	Cosmetics & personal care, Nutraceuticals
Suggested use level	Use in accordance with IFRA Standards and applicable cosmetic regulations; typical use level in finished cosmetics 0.1–2 %.

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	50 g, 225 g, 1 Kg, 5 Kg, Sample — bulk and custom quantities on request
Storage	Store in tightly closed original containers (amber glass, aluminium or lacquered steel) in a cool (below 20 °C), dark, well-ventilated place away from heat, ignition sources and oxidising agents. Keep containers well filled to limit oxidation.
Shelf life	24 months from the date of manufacture in unopened, well-filled original containers stored as recommended (citrus oils: 12 months).

7. Documentation and quality

Safety Data Sheet	SDS-97543-OIL-DACAR — 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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