

# Coriander CO2 Oil - Coriandrum sativum

Coriandrum sativum · Apiaceae

Essential oil   Oil-soluble   INCI listed in EU CosIng

## 1. Product identification

|                          |                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| Product name             | Coriander CO2 Oil - Coriandrum sativum                                                                            |
| Botanical name           | Coriandrum sativum (syn. Coriandrum diversifolium, Coriandrum globosum, Coriandrum majus, Coriandrum melphitense) |
| Plant family             | Apiaceae                                                                                                          |
| Common names             | Coriander, Cilantro, Chinese Parsley, Corriander, Feathery Annual Plant, Dhania                                   |
| Indian / Ayurvedic names | dhaniya, धनिया, कुस्तुम्बरी, कोथिंबीर, శన, கொத்தமல்லி                                                             |
| Product form             | Essential oil                                                                                                     |
| Country of origin        | India                                                                                                             |
| Product code (SKU base)  | 74026-OIL-COSAT                                                                                                   |

## 2. Composition and identifiers

INCI: Coriandrum Sativum Oil

| INCI / COMPONENT       | FUNCTION             | CAS        | EC        | PROPORTION |
|------------------------|----------------------|------------|-----------|------------|
| Coriandrum Sativum Oil | Botanical ingredient | 84775-50-8 | 283-880-0 | 100 %      |

EU CosIng reference no.: 93605 · 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   | Supercritical CO <sub>2</sub> 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-74026-OIL-COSAT — 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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