# Nettle Leaf Infused Oil - Urtica dioica

*Urtica dioica · Urticaceae*

Infused oil | Oil-soluble | INCI listed in EU CosIng

## 1. Product identification

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| **Product name** | Nettle Leaf Infused Oil - Urtica dioica |
| **Botanical name** | *Urtica dioica* |
| **Plant family** | Urticaceae |
| **Common names** | Nettle, Stinging Nettle, Bichhua Pattee, Bichu Buti, Big-Sting Nettle, California Nettle |
| **Plant part used** | Leaf |
| **Product form** | Infused oil |
| **Base oil options** | Coconut Oil, Jojoba Oil, Olive Oil, Sesame Oil, Sunflower Oil (one base oil per order) |
| **Product code (SKU base)** | 35720-INF-URDIO |

## 2. Composition and identifiers

**INCI:** Urtica Dioica Leaf Extract, Cocos Nucifera (Coconut) Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Olea Europaea (Olive) Fruit Oil, Sesamum Indicum (Sesame) Seed Oil, Helianthus Annuus (Sunflower) Seed Oil

| INCI / COMPONENT | FUNCTION | CAS | EC | PROPORTION |
|---|---|---|---|---|
| Urtica Dioica Leaf Extract | Botanical extract | 84012-40-8 | — | — |
| Cocos Nucifera (Coconut) Oil | Solvent | 8001-31-8 | 232-282-8 | — |
| Simmondsia Chinensis (Jojoba) Seed Oil | Carrier / base oil | 90045-98-0 | — | — |
| Olea Europaea (Olive) Fruit Oil | Solvent | 8001-25-0 | 232-277-0 | — |
| Sesamum Indicum (Sesame) Seed Oil | Carrier / base oil | 8008-74-0 | — | — |
| Helianthus Annuus (Sunflower) Seed Oil | Carrier / base oil | 84776-03-4 / 8001-21-6 / 164250-88-8 | — | — |

EU CosIng reference no.: 59990, 75444, 58617, 77800, 78835, 34238 · 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

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| **Process** | Infusion in carrier oil |
| **Additives** | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

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| **Physical state** | Liquid |
| **Appearance / colour** | Characteristic of the plant material; may vary naturally between harvests |
| **Odour** | Characteristic |
| **Solubility** | Oil-soluble |
| **Flash point** | Typically > 200 °C (vegetable oils; not determined for this batch) |

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

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| **Applications** | Herbal tea & infusions, Skincare |
| **Markets** | Cosmetics & personal care, Food & beverage |
| **Suggested use level** | Typical use level in cosmetics 1–10 % (oil-soluble and infused oils up to 100 % of the oil phase); carrier oils up to 100 %. |

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

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| **Pack sizes** | 225 g, 1 Kg, 5 Kg — bulk and custom quantities on request |
| **Storage** | Store in tightly closed, well-filled original containers in a cool (below 25 °C), dry, dark place away from heat, oxidising agents and direct sunlight. Butters and waxes may soften above 25–35 °C. |
| **Shelf life** | 18–24 months from the date of manufacture in unopened original packaging stored as recommended. Infused and oil-soluble extracts: 12–18 months. |

## 7. Documentation and quality

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| **Safety Data Sheet** | SDS-35720-INF-URDIO — 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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