

TECHNICAL DATA SHEET

Product Name: Carrot Root Infused Oil

INCI Name: Helianthus Annus Seed Oil, Daucus Carota (Carrot) Root Extract, Vitamin E

CAS: 84929-61-3, 84929-61-3, 10191-41-0

Synonyms: Daucus carota L., Wild Carrot, Queen Anne's Lace, Bird's Nest, Bishop's Lace

Chemical Classification: Mixture

Functional Category: Skin Care Agent ~ Occlusive, Skin Conditioning Agent ~ Emollient, Antioxidant

Extraction Method: Carrot Root Infused Oil is obtained by macerating dry plant material (carrot root) in an appropriate vegetable oil using the so-called "Stove-Top" method. Medicinal substances slowly transfer from the root into the vegetable oil, combining the medicinal properties of the vegetable oil and the substances of the carrot root being macerated. As a "carrier oil," cold-pressed sunflower oil of the linoleic type is used, which contains a higher content of essential linoleic acid and only a small amount of oleic acid. The oil is yellow-orange in color, odorless. It is preserved with Vitamin E.

Description: Carrot Root Infused Oil contains various bioactive compounds present in carrots, such as beta-carotene, vitamins, antioxidants, and minerals. These compounds are known for their nourishing, moisturizing, and regenerating properties for the skin. Carrot Root Infused Oil is often used topically in skin care, but also as an ingredient in cosmetic creams, lotions, serums, and massage oils. It contributes to improving the complexion of the skin, a healthy skin appearance, supporting the skin cell regeneration processes.

Benefits:

- **Skin Hydration:** Carrot Root Infused Oil deeply hydrates the skin and maintains its moisture. This can help prevent skin dryness, making it soft and smooth.
- **Anti-aging Properties:** The oil is rich in antioxidants such as beta-carotene, vitamin C, and vitamin E. These antioxidants can help protect the skin from damage

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caused by free radicals and slow down the aging process of the skin.

- **Improves Skin Complexion:** Regular use of carrot-infused oil can contribute to improving the skin's complexion. Beta-carotene found in carrots can give a slight blush to the skin and enhance its healthy color.

- **Hair Nourishment:** Carrot Root Infused Oil can help nourish the hair and scalp. It strengthens the hair root and helps reduce hair breakage.

- **Improves Hair Condition:** Carrot oil can help restore dry and damaged hair. Regular use improves hair texture, making it shiny. It reduces "frizz".

Use in Cosmetic Products: This oil's specific composition has made it applicable in almost all cosmetic products for skin and hair care, such as face creams, body milk, makeup removers, hair care balms and serums, lip care products.

Animal Testing: The substance is not tested on animals

GMO: Not GMO

Vegan: Does not contain components of animal origin