Import and distribution for Serbia: Farmadria DOO
info@avenalab.com
+381 (0) 69 / 55 65 029
www.avenalab.com

TECHNICAL DATA SHEET

Product Name: Sweet Almond Oil

INCI name: Prunus Amygdalus Dulcis Oil

CAS: 8007-69-0

Chemical classification: Fats and Oils

Functional category: Skin conditioning agent, conditioning agent for normal, dry and dehydrated hair ~ Emollient

Extraction method: Expeller pressed

Processing type: RBD

Description: Almond oil, known as Sweet Almond Oil, is one of the most valued oils in cosmetics. It is obtained by cold pressing the kernels of sweet almonds (Prunus amygdalus dulcis). It is refined and highly stable, with a low content of acids and peroxides. During refining, undesirable odors (aldehydes and ketones), free fatty acids that may be bitter and corrosive, as well as natural waxes that cause cloudiness, are removed. It contains oleic acid (60–70%), linoleic acid (20–30%), and vitamins A and B-complex, and is also rich in vitamin E, predominantly in the form of alpha-tocopherol. Vitamin E acts as a powerful antioxidant, protecting the skin from oxidative stress and free radicals that accelerate aging and cellular damage. The oil also contains phytosterols, such as beta-sitosterol, which have anti-inflammatory properties and help soothe redness and irritation. The presence of phospholipids, essential for the structure of cell membranes, further contributes to maintaining the skin barrier function, hydration, and elasticity. These active components make almond oil mild, nourishing, and suitable for all skin types. It is easily absorbed and does not leave a greasy film. It is an ideal choice for dry, dehydrated, and sensitive skin, as well as for baby care. In hair care, it provides deep hydration, makes the hair softer and shinier, and reduces breakage and split ends. It is also used for scalp treatment, as it nourishes hair follicles and soothes irritation. In cosmetic formulations, almond oil is used as an emollient and carrier for active ingredients. It is characterized by good stability and a long shelf life. Its neutral color and mild odor further enhance its popularity in various formulations. The oil is insoluble in water and slightly soluble in alcohol. Pale yellow liquid with a characteristic odor. HLB = 6.

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.

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Benefits:

- Hydrates the skin, retains moisture, and improves skin elasticity
- Nourishes the skin and supports cell regeneration
- Soothes irritation and helps relieve symptoms of eczema, psoriasis, and dermatitis
- Evens out skin tone and reduces the appearance of dark spots and hyperpigmentation
- Helps reduce wrinkles and protects the skin from oxidative stress
- Effectively removes makeup, including waterproof products, without irritation
- Deeply hydrates hair, improves texture, and facilitates styling
- Strengthens hair, reduces breakage, and repairs damaged strands
- Promotes hair growth

Directions for use: Sweet almond oil is used as a multifunctional ingredient in cosmetics due to its light texture and ability to hydrate and nourish the skin. In moisturizing products such as creams and lotions, it is typically used at concentrations of 5% to 20%, where it contributes to skin softening and helps maintain elasticity. In massage products, it can be used pure or in combination with other vegetable oils. In hair care formulations, concentrations usually range from 2% to 10%. In baby care formulations, such as body oils or creams, it is used in moderate amounts, most often up to 10%, to preserve the gentle nature of the product. The concentration should be adjusted according to the product type and intended use, as higher amounts may affect the texture of formulations, especially lotions and creams. Sweet almond oil is particularly effective when used in synergy with other oils or active ingredients, enhancing its performance and improving overall product functionality. For external use only.

Animal testing: The substance has not been tested on animals

GMO: Non-GMO

Vegan: Does not contain ingredients of animal origin

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