

TECHNICAL DATA SHEET

Product Name: Avocado Butter

INCI Name: Persea Gratissima Oil, Palmitic/Stearic Triglyceride, Beeswax

CAS: 8024-32-6, 67701-30-8, 8012-89-3

Chemical Classification: Fats and oils, a mixture of natural triglycerides and waxes (lipid complex).

Functional Category: Skin conditioning agent, viscosity modifier, occlusive.

Description: Avocado butter is a highly nourishing lipid raw material obtained by combining cold-pressed avocado oil (Persea gratissima oil) with natural plant-based thickeners palmitic and stearic triglycerides and beeswax. This blend forms a solid, creamy mass with a pleasant texture that melts easily upon contact with the skin, leaving a thin protective film that does not clog pores. Due to its high content of unsaturated fatty acids, phytosterols, and vitamins A, D, and E, avocado butter has strong emollient and regenerative effects. It helps restore the hydrolipid barrier, making the skin more elastic and resilient to external factors. It is especially beneficial for dry, mature, or sensitive skin, as it soothes irritation and reduces transepidermal water loss. In cosmetic formulations, it also functions as a natural thickener, providing stability and a rich yet non-greasy texture to balms and creams. Avocado butter blends well with most vegetable oils, waxes, and active ingredients, and is widely used in formulations intended for skin regeneration, treatment of chapped lips, protection of hands and feet, and hair care products for dry or curly hair. Its ability to retain moisture while softening the epidermis makes it suitable even for formulations designed for sensitive areas such as the eye contour region. Upon contact with the skin, the butter melts into a nutrient-rich oil that absorbs gradually, leaving the skin soft and smooth without a greasy shine. It is stable across a broad pH range and can be incorporated into formulations without heating, which preserves the integrity of its natural active components.
100% natural product.

Bioactive Compounds: Avocado butter is rich in bioactive compounds derived from cold-pressed avocado oil, which give it potent regenerative, antioxidant, and protective properties. Its phytochemical composition includes a range of natural substances that act synergistically to enhance elasticity, resilience, and even skin tone. The base consists

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TECHNICAL DATA SHEET

of unsaturated fatty acids oleic (omega-9), linoleic (omega-6), and palmitoleic (omega-7) which deeply nourish and restore the lipid barrier of the skin. Additionally, saturated fatty acids such as palmitic and stearic acids provide structural stability and form a mild protective film. Phytosterols β -sitosterol, campesterol, stigmasterol, and avenasterol exert soothing and regenerative effects, reducing inflammation, promoting collagen synthesis, and preventing moisture loss. Tocopherols (vitamin E), predominantly α -tocopherol, are powerful antioxidants that protect cell membranes from oxidative stress. Carotenoids, especially lutein and zeaxanthin, neutralize free radicals and protect the skin from UV damage. The butter also contains squalene, a natural triterpene with strong antioxidant and emollient activity that enhances skin softness and elasticity. In smaller amounts, it includes phospholipids that strengthen cell membranes and aid in moisture retention. Its unsaponifiable fraction contains chlorophyll and carotenoid pigments, giving it a light green hue. The presence of flavonoids and phenolic compounds further enhances its antioxidant and soothing properties. Thanks to this combination of bioactive constituents, avocado butter not only moisturizes but also actively regenerates the skin, making it more elastic, smooth, and visibly healthier.

Benefits:

- Deeply hydrates the skin and softens dry, rough areas, leaving it smooth.
- Rich in essential fatty acids, vitamins A, D, E, and minerals that nourish the skin and improve complexion.
- Reduces signs of aging, improves skin elasticity and firmness, and diminishes the appearance of wrinkles.
- Soothes irritated and sensitive skin, helping to reduce redness and inflammation.
- Stimulates cell regeneration and promotes healing of scars and damaged skin.
- Provides mild UV protection (not a sunscreen substitute).
- Nourishes hair, enhances shine, and improves manageability especially beneficial in masks and conditioners.
- Acts as a natural emollient and stabilizer in cosmetic formulations such as creams and lotions.

Usage: Avocado butter is used as a nourishing emollient that provides softness, elasticity, and a protective film on the skin. Due to its mild texture and stability, it can be incorporated into a wide variety of cosmetic products. It is usually added in the final

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TECHNICAL DATA SHEET

stage of formulation, at temperatures below 45 °C, to preserve its natural bioactive compounds and prevent oxidative degradation. In facial and body creams, milks, and lotions, it is typically used at 1–5%, ensuring optimal hydration and a pleasant non-greasy texture. In richer body butters, balms, and nourishing night creams, higher concentrations of 5–15% are recommended, where it functions as a structural thickener and occlusive agent that retains moisture in the epidermis. For products designed for sensitive areas such as the eye contour, it is used at 0.5–2%, providing softness and protection without overburdening the skin. In lip balms, concentrations of 10–20% are ideal, forming a smooth, long-lasting layer that prevents dryness. In hair care products (masks, serums, balms, or leave-in treatments), it is typically added at 1–5%, improving shine, strengthening strands, and aiding detangling, while up to 10% can be used in treatments for dry or damaged ends.

Animal Testing: In accordance with current European legislation (Regulation (EC) No 1223/2009 on cosmetic products), this substance has not been tested on animals. Its safety assessment is based on available toxicological data, scientific literature, and validated alternative testing methods (in vitro and in silico). “In silico” refers to testing and evaluation methods conducted using computer models and simulations rather than live organisms (in vivo) or cell cultures (in vitro). This note confirms compliance with the animal testing ban and is provided solely for informational purposes for further use of the raw material in cosmetic formulations.

GMO: Non-GMO

Vegan: Not vegan (contains beeswax).

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