

TECHNICAL DATA SHEET

Amla Oil

Product Name: Amla Oil

INCI Name: Emblica officinalis (Amla) Fruit Extract and Sesamum indicum (Sesame) Seed Oil

CAS: 90028-28-7

Botanical Name: Emblica officinalis

Synonyms: Phyllanthus emblica L., Emblica officinalis Gaertn., Indian Gooseberry, Emblic Myrobalan, Malacca Tree, Amalaki, Emblic

Chemical Classification: Fats and Oils

Functional Category: Skin and hair conditioning agent ~ Emollient

Oil Description: Amla oil, also known as Indian gooseberry oil, is obtained by infusion of Amla fruit (*Phyllanthus emblica*) in organic sesame seed oil (*Sesamum indicum*). The oil is particularly rich in vitamin C (ascorbic acid), a powerful antioxidant that helps protect the skin against free radical damage. Amla oil supports collagen production and promotes a radiant complexion.

The oil contains tannins, a class of polyphenolic compounds with astringent properties that may help tighten the skin, reduce inflammation, and improve skin tone. Flavonoids are another important group of phytochemicals present in the oil, known for their antioxidant and anti-inflammatory properties. Amla oil contains quercetin, kaempferol, and rutin, which help protect the skin from oxidative stress, soothe irritation, and contribute to overall skin health.

The oil also contains gallic acid, a phenolic acid with antioxidant and anti-inflammatory activity. Gallic acid may help protect the skin from environmental damage, reduce redness, and promote a more even skin tone. In addition, amla oil contains ellagic acid, another phenolic compound with strong antioxidant properties. Ellagic acid helps neutralize free radicals, supports protection against the harmful effects of UV radiation, and contributes to maintaining healthy skin.

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Traditionally used in Ayurveda, amla oil is highly valued for both skin and hair care applications. The oil has not undergone refining processes and therefore retains its characteristic aroma and taste.

Benefits:

- Nourishes and hydrates the skin due to the presence of essential fatty acids such as omega-3 and omega-6.
- Provides anti-aging benefits by helping neutralize free radicals responsible for premature skin aging.
- Helps reduce the appearance of fine lines, wrinkles, and age spots.
- Supports hair care by strengthening hair follicles, promoting hair growth, and helping reduce hair loss.
- Nourishes the scalp and enhances hair shine.
- Possesses antimicrobial properties that may help combat scalp infections and dandruff.
- Helps brighten and even out the skin tone while reducing hyperpigmentation.
- Enhances overall skin radiance and vitality.

Use in Cosmetic Products: In recent years, amla oil has gained increasing popularity in hair care products due to its nourishing and scalp-moisturizing properties. It is also widely used in anti-aging cosmetic formulations as a valuable anti-age active ingredient. The oil may be incorporated into various cosmetic formulations as part of the oil phase. It is used in concentrations ranging from 1–100%, depending on the type and purpose of the product.

Amla oil may also be used in its pure form as a massage oil. It is commonly incorporated into protective skin creams, lotions, ointments, bath oils, sunscreen products, and cosmetic formulations intended for babies and children. For external use only.

Animal Testing: Substance not tested on animals

GMO: GMO-free

Vegan: Does not contain ingredients of animal origin