

SESAME OIL

FROM SOURCES YOU CAN TRUST

THE QUEEN OF OILS

Sesame oil, extracted from the seeds of the plant *Sesamum indicum*, is known **since the antiquity**, from Egypt to India. It has been appreciated since then for its cosmetic and culinary properties. It is also used in pharmacy and in the ayurvedic medicine.

VALUABLE COSMETIC PROPERTIES

Sesame oil consists of high levels of oleic and linoleic (omega-6) fatty acids.

♦ **Oleic acid** is a **very good emollient**; it leaves the skin soft and supple.

♦ **Linoleic acid**, which is an **essential poly-unsaturated fatty acid**, is known for its activity on membrane integrity and its **anti-inflammatory** effect. It is essential because the human body cannot synthesize it. It hydrates skin by restoring the hydro-lipidic film and thus **delaying transepidermal water loss**.

The use of oils containing a high level of linoleic acid is recommended in **acne-treating products** in order to control sebum production and prevent the appearance of pimples. Skin is moisturized and looks younger.

This oil is rich in **Lignans**: **Sesamin** and **Sesamol** which give to the oil good **oxidative stability** and interesting cosmetic properties. During the refining of the sesame oil, these two lignans are transformed into **Sesaminol** and **Sesamolol** which have even better **antioxidative properties**. Thanks to their free phenolic groups, these two molecules possess **free radical scavenging** and **anti-inflammatory** properties.

Sesame oil contains as well **Phytosterols** (Sitosterol, Campesterol, Avenasterol, Stigmasterol), **Tocopherols**, **Lecithins**, which act as **antioxidants**, and **Squalene**, which is one of the major components of the sebum, giving this oil emolliency and **hydrating** properties.

Sesame oil is a **Sun Protecting Factor enhancer** (SPF) and has interesting properties against oxidative stress and induced free radicals; it is therefore a **key ingredient in solar formulation**.

Sesame oil's anti-oxidative properties help to prevent signs of ageing. It **penetrates easily** into the skin to **hydrate, soothe, soften** and **regenerate** the skin.

FORMULATING WITH SESAME OIL

Ideal for delicate skin, sesame oil is perfect for your formulations:

Skin care:

- Day cream: 4 to 6%
- Delicate skin-treating cream: 4 to 6%
- Anti-ageing cream: 4 to 6%
- Night cream: 8 to 15%

Body care:

- Body balm: 10 to 20%
- Massage oil: up to 100%

Cleansing products:

- Soap: 5 to 10%
- Make-up remover: 1 to 20%

Sun care:

- SPF Product: 6 to 20%
- Tanning oil: up to 100%

Hair care:

- Shampoo: 1 to 2%
- Conditioner: 1 to 5%
- Serum: up to 100%
- UV-protecting balm: 10 to 30%

Skin and hair types

- Dehydrated skin
- Sensitive & irritated skin
- Acne-prone skin
- Mature skin
- Dull hair

Composition

- Oleic acid
- Linoleic acid
- Lignans
- Phytosterols
- Tocopherols

