

### **Characteristics**

Borage Oil is an extremely versatile oil in personal care formulations. It is generally a pale yellow-gold and very light in appearance, making it suitable for a variety of purposes.

# **Application & Use**

Borage Oil's rich nutritional content gives it a wide array of practical applications:

- Hand creams and body lotions
- Anti-ageing formulations
- Acne, eczema and skin treatment products

# **Borage Oil**

# **Borago Officinalis Seed Oil**

Grades: Organic CP 19%, Refined 19%, Refined 22%

Pack Size: 5kg/25kg/200kg/IBC

# **Background**

Borage, or Starflower, is a plant native to the Mediterranean region. The hardy plant has since been naturalised in the colder climates of the U.K. and North America. It is notable for its vivid blue, purple and red colouration, distinctive star shaped flower, and textured leaves that form a basal rosette.

#### Origin

Although the seed oil derived from Borage has only come into use within recent decades, the plant itself has a long history of use. It was recorded in use by the Ancient Greeks to flavour wine and is one of the plants described in the documentation of early renaissance scientist Francis Bacon.

Throughout recorded history, the Borage plant has been believed to dispel melancholy and sadness. The flower was historically cultivated for medicinal use, where it had been used to treat inflammation and certain joint conditions, such as arthritis.

#### **Benefits**

Borage Oil is an ingredient gaining popularity in personal care formulations and a relatively new addition to the range of plant-based oils available today. Also commonly known as Starflower Oil, the nutritional content of Borage Oil makes it ideal for a broad spectrum of health and wellness products.

The oil is rich in gamma-linoleic (GLA) and linoleic acids (LA), two polyunsaturated Omega 6 fatty acids thought to play a role in the cellular structure and function of human joints. The body converts GLA and LA into prostaglandins, a substance that regulates immune response and is used to soothe joint inflammation. Borage Oil is thought to be the richest vegetable source of GLA available, comprising over 19% of the oil.

Borage Oil makes a powerfully hydrating ingredient, able to lock moisture into the skin and harness its natural qualities in a variety of personal care formulations. In addition, the oil has qualities that may nourish and repair the skin barrier.

#### Extract method

The seeds of the Borage plant are dried after harvesting. Borage Oil can be extracted by mechanical pressing, solvent extraction or a combination of both.

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