



Product Information Sheet

NorOmega SN

(Black Elderberry Oil)

The History of the Elderberry

Since Grecian times the fruit extract of the Black Elderberry has been praised for its health giving properties, it has been used to treat a variety of ailments including colds, flu, fever and burns. More recent research has discovered that the fruit is rich in anthocyanins, a group of flavonoids which act as natural antioxidants which are believed to help protect cells from free radicals and support the body's immune system. Black Elderberries have almost 5 times as many anthocyanins as Blueberries and twice the overall antioxidant capability of Cranberries and recent clinical studies have demonstrated that Elderberry extract may help improve the immune system and reduce the onset of flu symptoms.

Elderberry oil

The by-product of this nutrient rich extract is the elderberry seed pulp, or 'pomace' as it is known. This pulp is extracted in the UK using traditional methods and the crude oil lightly refined to yield a reddish-brown coloured oil which we offer under our brand 'NorOmega SN'

Key Features

- ✓ NorOmega SN is composed of the key fatty acids which support healthy skin condition; in addition it contains elevated levels of natural lipid soluble antioxidants.
- ✓ NorOmega SN has a rich, silky skin feel whilst being readily absorbed and not too greasy.
- ✓ Clinical studies commissioned by ourselves demonstrate that NorOmega SN oil provides excellent natural emollience; it increases skin smoothness and elasticity whilst improving skin barrier function by reducing trans-epidermal water loss (TEWL).
- ✓ The functionality of NorOmega SN has also been shown to be superior to some other novel fruit oils which could be attributed to its rich content of Essential Fatty Acids (in an ideal ratio for skin care) in conjunction with micronutrients (see data below).

Potential Applications

NorOmega SN can be used in a wide range of applications including:

- ✓ Overnight/Dry skin creams
- ✓ Body butters
- ✓ Vitamin enriched daily use hand & nail creams (see formulation suggestion)
- ✓ Lipid enriched hair conditioners
- ✓ Body lotions
- ✓ Aromatherapy/massage
- ✓ Beauty supplements

Technical Data

Product Name: NorOmega SN

Common Name: Black Elderberry Oil

INCI Name: Sambucus Nigra

Principle Constituents

1) Fatty acids in triglyceride form including:

Oleic Acid C18:1 = 11-13%

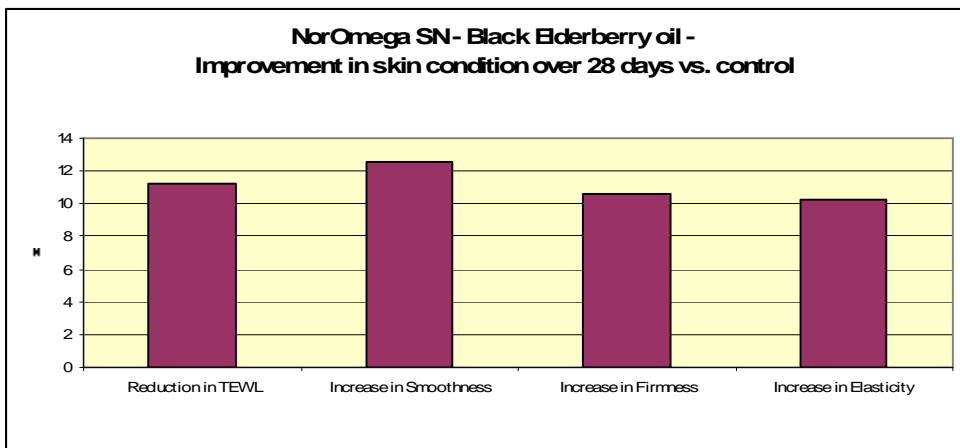
Linoleic Acid C18:2 n-6 = 38-42%

Alpha Linolenic Acid C18:3 n-3 = 35-40%

2) Natural antioxidants

Clinical Evidence

Under a controlled human skin study The following results were obtained:



Supply format

NorOmega SN is available in 190kg and 23/25kg drums and can also be supplied as a pre-formulated butter base, such as with Shea Butter or hardened fat in ratios to suit.

Samples and are available upon request

For further information please contact us:

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