
BANANA FLOWER OIL

SUNFLOWER OIL EXTRACT

PRODUCT IDENTIFICATION

INCI composition :

Helianthus annuus seed oil

CAS no. : 8001-21-6

EINECS no. : 232-273-9

MUSA SAPIENTUM FLOWER Ext.

CAS no. : N/A

EINECS no. : N/A

BOTANICAL DATA



Latin name : *Musa × paradisiaca*

Other names : Banana, plantain

Family : Musaceae

A banana is an edible fruit (botanically a berry) produced by several kinds of large herbaceous flowering plants in the genus *Musa*.

SPECIFICATIONS

Drug	Banana flower (10 % for maceration) MUSA SAPIENTUM FLOWER
Appearance	Viscous liquid
Colour	Yellow
Density at 20°C	0.925 ± 0.010
Refractive index at 20°C	1.470 ± 0.020
Solubility	in lipids
Identification oleic acid	20.0 to 32.0 %
linoleic acid	60.0 to 68.0 %
Natural Vitamin E (mg/kg)	1.50 ± 0.20

COSMETIC PROPERTIES

Banana flower extract is effective against skin alterations and ageing process, due to its elevated contents of Vitamin E (* 2), which activates microcirculation of skin.

It is a cell antioxidant, which delays cell aging, improves elasticity of skin, and helps from appearance of wrinkles (*1, 3).

Vitamin E limits skin ageing, acts as a moisturizing and anti-inflammatory agent, protects against UV damage, improves blood micro-circulation

Can be used in anti-ageing cream (night cream) and after-sun milk.

Face and body care products (creams, milks, gels, lotions, etc...) :

for skin disorders, skin softness, and anti-ageing care

Suggested Use Level: 3 to 10 %

TOXICITY

Oral toxicity	Not considered as toxic (DL 50 oral/rats > 40 g/kg)
Skin irritation	Not irritant
Skin sensitisation	Not sensitising

STORAGE

In a tightly closed container, at temperature between + 5°C to 12° C, away from light, heat, and humidity sources.

Shelf-life : 18 months