Fragile Vitis Flower, soothing with care

Because skin can be irritated at any time by several environmental factors or be intolerant a short time, it is necessary to limit the uncomfortable sensations that it creates while maintaining its part as a barrier. In order to «never feel that we have» a skin.



• How it works

Fragile Vitis Flower provides a regulation of the mediators of inflammation, that are molecules synthetised by keratinocyts in response to external aggressions - but that give a sensation of irritation - by decreasing their release in the skin. Fragile Vitis Flower limits also the production of free radicals induced by UV and the physiological lipoperoxidation, that drive not only the suppression of immune defenses inside cells but also the release of mediators.

Thanks to those two actions, skin is free from sensations of irritations and better protected. It can keep on fighting against daily aggressions and oxidations.

• A story - the flower of vine, a delicate but decisive flower

Vitis vinifera, Vitaceae

The flower of vine is a very tiny, flavouring flower, about 3 to 4 mm long, and hermaphrodite. But it is decisive: vine, and therefore wine, depend completely from its development and its pollination. Rich in polyphenols - especially flavonoids, vine has been used for many proprieties as anti-oxidating, anti-bacterial, and anti-inflammatory. In Ancient times the flower of vine was associated with earth celebrations and organised for a divinity, the Greek and Roman goddess of flowering: Flora.

Marketing claims - soothing and antioxidating

Soothing, calming, anti-irritating, helps to reduce redness, sensations of discomfort, anti-ageing - because sensitivity increases with ageing, limits the creation of free radicals induced by UV, anti-oxidating.

To be used in skincare or make-up products like

cream, fluid, serum, balm, lotion, milk, foundation, etc.

in any cosmetic and skincare product dedicated to decrease skin irritations.



Decrease of the IL1-alpha

• Efficacy - in vitro testing results



Decrease of the IL-6

Decrease of the PGE2



Decrease of the physiological lipoperoxidation

MDA (µM/mg of proteins)



Decrease of the lipoperoxidation induced by UVB

Soothing effect: at 0.5%, 1% and 2.5%

- decrease of the release of Interleukine 1-alpha stimulated in reaction to the UVB rays respectively by 18%, 33% and 44%
- decrease of the release of Interleukine 6 (IL-6) stimulated in reaction to the UVB rays respectively by 23%, 29% and 34%
- decrease of the production of Prostaglandine E2 (PGE2) stimulated in reaction to the UVB rays respectively by 16%, 22% and 28%

Anti-oxidative effect: at 0.5%, 1% and 2.5%

- decrease of the physiological lipoperoxidation which is translated by a decrease of the MDA rate by 19%, 27% and 37% respectively
- decrease of the lipoperoxidation induced by UVB (150 mJ/cm²), which was translated by a decrease of the MDA rate by 26%, 34% and 39% respectively, compared with protective enzymes SOD/catalase (-37%)

Technical information formulating Fragile Vitis Flower

- INCI name of cells: vitis vinifera (Grape) flower cell extract
- form: cells (20%) in dispersion in vegetal glycerine (80%)
- aspect: liquid
- concentration: starting at 0.5%
- dispersible in any formulation

