



# DEFENSIL®-PLUS

First Aid for Inflamed Skin

Sensitive, hot and itchy skin often is caused by excessive inflammation which affects skin barrier function and eventually can lead to accelerated skin ageing (inflamm-ageing) as well as impaired quality of life.

DEFENSIL®-PLUS is a highly effective first-aid kit to alleviate stressed, sensitive and irritable skin. The outstanding properties of Blackcurrant Seed oil and Balloon Vine extract in combination with Sunflower Oil Concentrate effectively reduce inflammatory processes and replenish the damaged skin barrier.

DEFENSIL®-PLUS soothes various forms of skin irritation; acute irritation as a result of razor burn, or from Mosquito bites are both significantly reduced. Chemically irritated skin also is protected and gently regenerated. In summary, DEFENSIL®-PLUS markedly relieves dry, itchy, allergy-prone skin and gives those plagued by Eczema a new lease of life.

SWISS EXPERTISE 

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## SCIENTIFICALLY PROVEN EFFECTS

- Nips inflammatory processes in the bud (*in-vitro* study)
- Reduces allergic reactions (*in-vitro* study)
- Reduces tissue damage resulting from Mosquito bites (*in-vivo* study)
- Soothes the skin after shaving and epilation (*in-vivo* study)
- Protects and regenerates the damaged skin barrier (*in-vivo* study)
- Improves the quality of life of those suffering from atopic Eczema (*in-vivo* study)
- Improves the severity of couperose (*in-vivo* study)



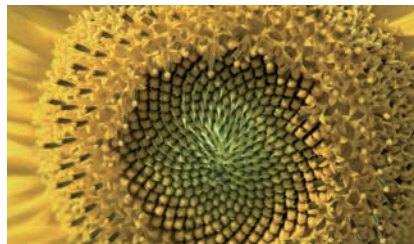
## ACTIVE INGREDIENTS

### Blackcurrant Seed Oil



- Rich in  $\omega$ -3/6-Fatty Acids (Stearidonic Acid;  $\gamma$ -Linolenic Acid)
- Strengthens skin barrier
- Soothes inflammation

### Sunflower Oil Concentrate



- High level of unsaponifiable substances (bioactive compounds)
- Rich in essential Fatty Acids (Linoleic Acid)
- Stabilises skin barrier

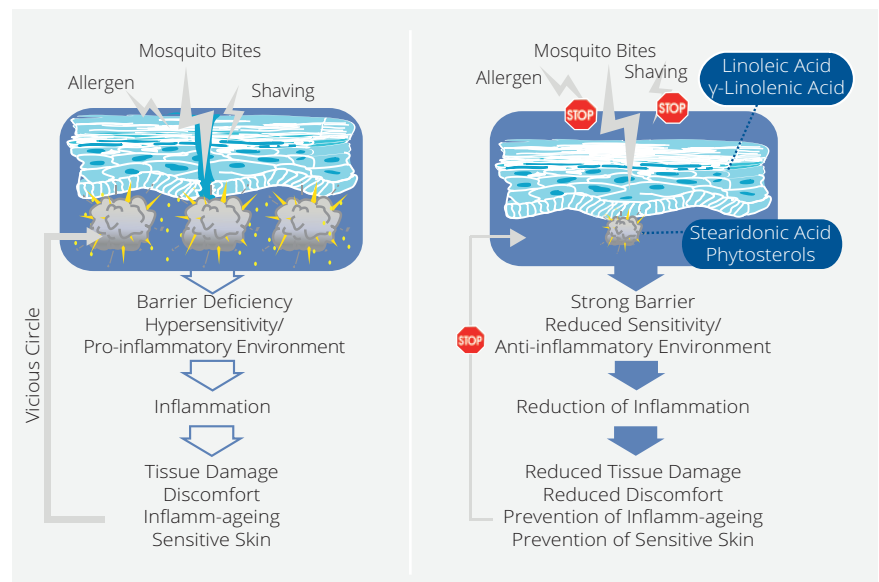
### Ballon Vine Extract



- Valuable Phytosterols
- Skin soothing
- Plant-derived alternative to Hydrocortisone

## MODE OF ACTION

DEFENSIL®-PLUS eases inflammatory processes and supports the recovery of the skin barrier.

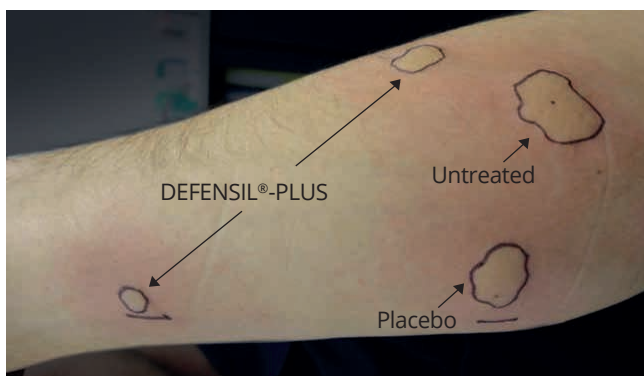
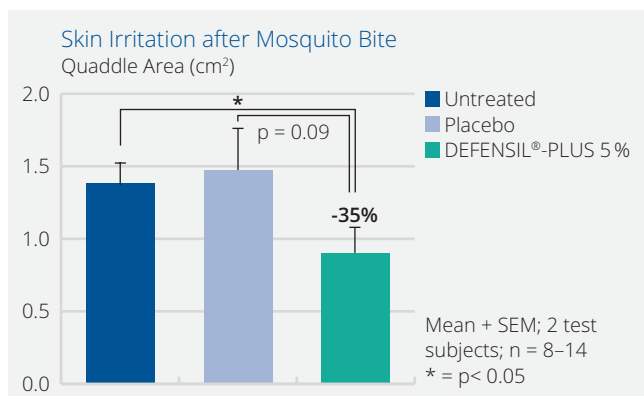


## DEFENSIL®-PLUS REDUCES TISSUE DISORDER RESULTING FROM MOSQUITO BITES (*in-vivo* study)

**Method:** Measurement of the quaddle area following bites from the common house Mosquito. Self experiments.

**Implementation:** In each test run approx. 10 bite areas were treated (Cream with 5 % DEFENSIL®-PLUS/Placebo) or left untreated following the appearance of the first symptoms. After 30 min the area of the swellings was determined by means of digital images.

**Result:** SOS-treatment with DEFENSIL®-PLUS relieves the intensity of Mosquito bites by 35 %.

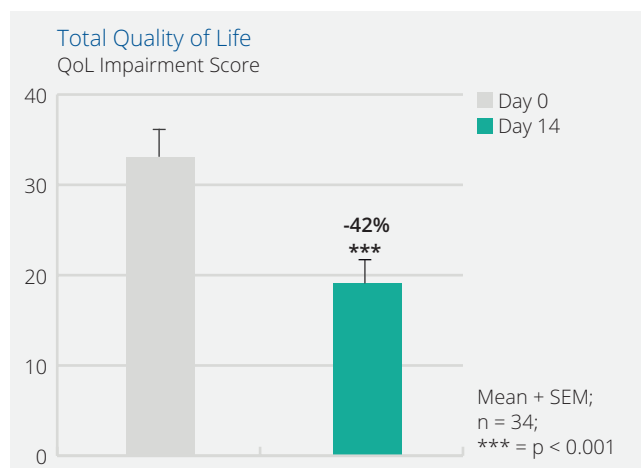
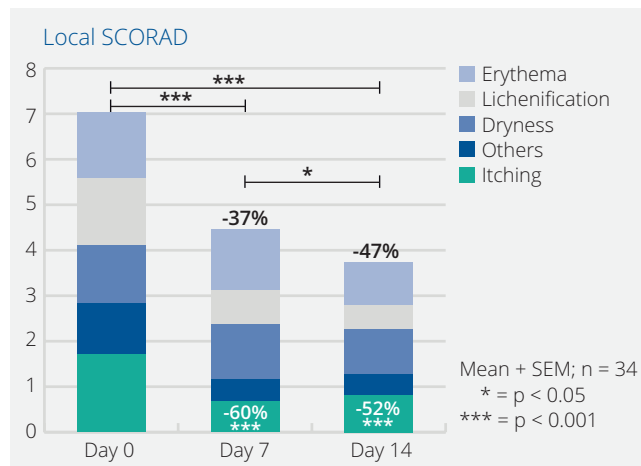


## DEFENSIL®-PLUS IMPROVES THE SKIN CONDITION IN ATOPIC ECZEMA (*in-vivo* study)

**Method:** Objective assessment of the skin condition by a dermatologist before and after application of a cream with 3 % DEFENSIL®-PLUS by means of local SCORAD (= SCORing Atopic Dermatitis: Sum of various parameters, each on a scale from 0–3).

**Implementation:** 34 subjects, 17–60 years old, SCORAD > 4; 2x daily (arms, legs, trunk) or 4x daily (hands) application of DEFENSIL®-PLUS; determination of objective SCORAD on Days 0, 7 and 14; subjective assessment of quality of life.

**Result:** Within short time, DEFENSIL®-PLUS significantly improves the skin condition, reduces itching and brings 42 % more quality of life to those suffering from atopic Eczema.



### Application and Processing Information

Products to protect or prevent the appearance of sensitive, irritated skin in need of regeneration. Suitable for use in emulsions, gels and lotions. DEFENSIL®-PLUS is oil soluble and should be processed at temperatures < 50°C.

**Recommended Use Level:** 1–5 %

**INCI:** **EU:** Octyldodecanol, Ribes Nigrum Seed Oil, Helianthus Annuus Seed Oil Unsaponifiables, Cardiospermum Halicacabum Flower/Leaf/Vine Extract, Tocopherol, Helianthus Annuus Seed Oil, Rosmarinus Officinalis Leaf Extract; **USA / Japan:** Octyldodecanol, Ribes Nigrum (Black Currant) Seed Oil, Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables, Cardiospermum Halicacabum Flower/Leaf/Vine Extract, Tocopherol, Helianthus Annuus (Sunflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract.

**Preservation:** None

**Natural Cosmetics:** Ecocert: listed; COSMOS: listed; NaTrue: certified

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