

CARICILINE®

PATENT

MOISTURIZATION BOOSTER



MOISTURIZATION

CARICILINE®

PHYTOBIOACTIVE

Available

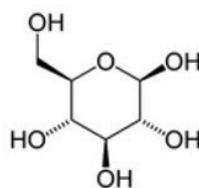
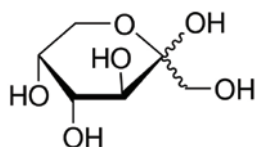
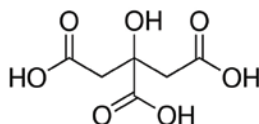
ORGANIC
Version

> ACTIONS

- Regulates trans-epidermal water loss
- Restores skin's natural water flow
- Restores its plasticity
- Maintains *Stratum corneum* integrity
- Provides a sensation of freshness and soothing well-being

COMPOSITION

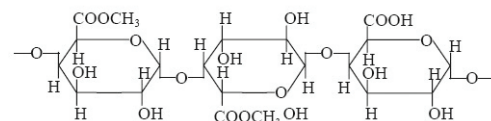
- **Alpha Hydroxy Acids (AHA):** 5-15% (% DM*)
- **Acidic oses:** 2-12% (% DM*)
- **Glucose >** 30% (% /DM*)
- **Fructose >** 25% (% /DM*)



* Dry matter

ORIGIN

Fig
Ficus carica
(Fruit)



> MECHANISM OF ACTION

Skin moisturization is related to the barrier function of the *Stratum corneum*, which governs skin's water kinetics: balance between water diffusion through the *Stratum corneum* and evaporation, its flow value and its sequestration.

CARICILINE® simultaneously provides 3 families of molecules: polysaccharides, free sugars component of the NMF (Natural Moisturizing Factor) and malic acid, which contributes to trans-epidermal water loss regulation.

> COSMETIC BENEFITS

- The skin is immediately and durably moisturized. It is overcome by a sensation of freshness.
- The skin is softer, more supple and plump, lines are smoothed and the complexion is fresher.

> COSMETIC USES

- ▶ **Moisturizing care products**
- ▶ **Refreshing care products**

> SCIENTIFIC PROCESS

With age, the skin dries, it becomes more sensitive to inflammation, loses its plasticity and becomes rough.

CARICILINE® offers three times more acid oses such as galaturonic acid, which limits trans-epidermal water loss, free sugars making up the NMF, which trap water in the *Stratum corneum*, forming moisturization complexes, and malic acid, which induces keratin catabolism, restoring skin's suppleness and elasticity. Holding filmogenic substances and hygroscopic components capable of slowing the rate of water evaporation, CARICILINE® maintains the integrity of the *Stratum corneum* by regulating trans-epidermal water loss.

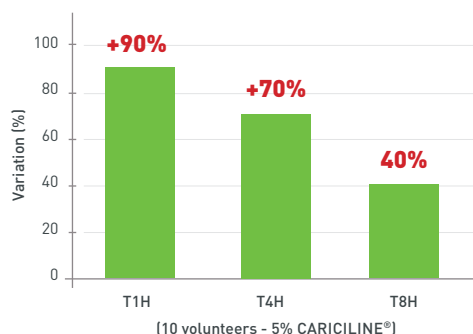
> PROVEN EFFICACY

IN VIVO
TESTS

MOISTURIZATION

- Measurements performed with a Corneometer®: an immediate and durable moisturizer.

Variation in the degree of moisturization of a treated zone relative to a control zone.

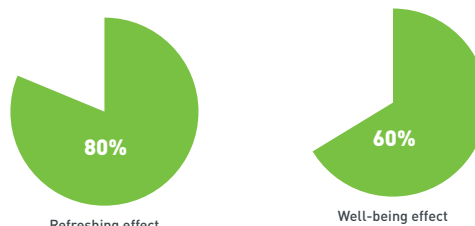


- 1 h after*: **+ 90%**
- 4h after*: **+ 70%**
- 8 h after*: **+ 40%**

* After application

SENSORY TEST

- Freshness, softness, well-being



- **80%** experienced a refreshing effect
- **60%** experienced a sensation of well-being
- **100%** experienced a softening effect

CARICILINE® HAS A SHORT-TERM
AND MEDIUM-TERM MOISTURIZING EFFECT

FORMULATION

Concentration for use: 1 to 5%

Caution for use:

Add to emulsions, at the end of the preparation process, either cold or at 35-40 °C, during cooling.

TECHNICAL DATA

Characteristics

Organoleptic	Appearance: viscous liquid Colour: colourless to pale yellow
Solubility	Water: soluble

Storage

Keep in a dark place, in the original packaging, at an ambient temperature between 15 and 25 °C. Use rapidly once opened, or transfer to sterile packaging.

Tolerance tests

- Eye irritation: mildly irritating
- Skin irritation: non-irritant
- Sensitization: good compatibility
- Mutagenicity: non-mutagenic

INCI name: Aqua/Water, Ficus carica (Fig) Fruit Extract, Xanthan Gum

Preservative: Several versions available, see specifications

Authorized: 

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