

Technical specifications

• Caresoft™ 73600

PROPERTIES	Soothes and neutralizes sensitive skin signs by an innovative process, the main mechanism of pH regulation
ACTIVE MOLECULES	Total sugars
APPEARANCE	Liquid Dark brown color
SOLUBILITY	Soluble in aqueous solutions
RECOMMENDED DOSE	3 - 5 %

Cosmetic applications

- Products for women and men with sensitive skin
- Make-up for sensitive skin
- Shaving ranges
- Intimate hygiene
- Products for babies
- Hair care for sensitive scalps

Formulation

• Relief emulsion for sensitive skin

	INCI / PCPC	% (w/w)
A	Steareth-2	1.25
	Steareth-21	1.20
	Cetyl Alcohol	0.50
	Titanium Dioxide (CI 77891)	0.50
	Tocopheryl Acetate	0.30
	Diethylhexyl Carbonate	6.00
	Avocado Oil	2.00
	Dimethicone	1.00
	Glyceryl Caprylate	0.50
B	Aqua (Water)	72.10
	Propanediol	5.00
	Tetrasodium Glutamate Diacetate, Sodium Hydroxide, Aqua (Water)	0.25
	CARESOFT™	5.00
	Licorice Eco	1.00
	Pentylene Glycol	0.50
C	Acryloyldimethyl Taurate Copolymer, Squalane, Polysorbate 60	2.75
D	Parfum (Fragrance)	0.10
E	Aqua (Water), Lactic Acid	0.05

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Caresoft™

A new approach to improve the sensitive skin's overall condition

Sensitive skin



CARESOFT™

A new approach to improve the sensitive skin's overall condition

The skin: a sensitive material

- 70% of women believe they have sensitive skin
- They overreact to external or internal agents, which cause itching, tightness, burning...
- In men, these agents and the shaving process increase cutaneous intolerance

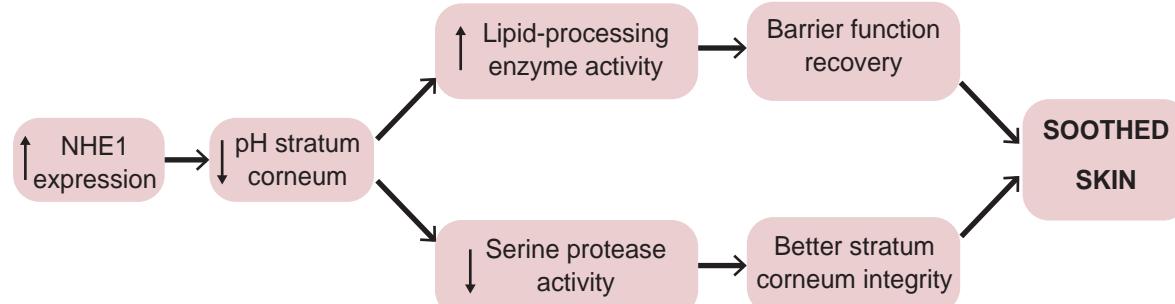


CARESOFT™ eases and neutralizes sensitive skin signs by an innovative process → **The main mechanism of pH regulation**

Sensitive skin presents an altered barrier function and a basic pH

Extracellular pH is regulated by a transmembrane protein: **NHE1**, which keeps an acid pH

CARESOFT™ modulates the activity of NHE1 receptor



CARESOFT™ is a purified fraction of *Curculigo orchioides* root, rich in total sugars and curculigosides.

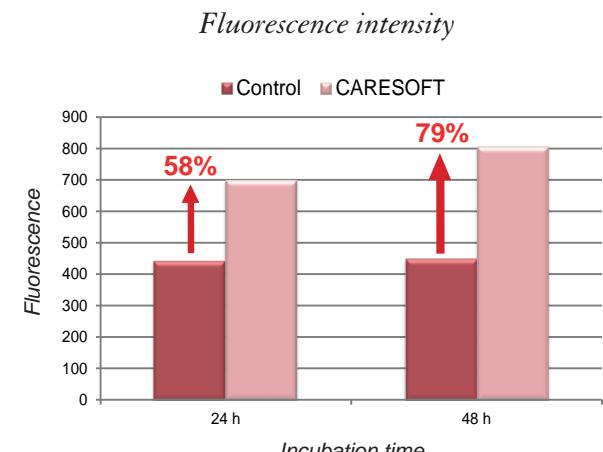
It is used in Chinese Traditional Medicine because of its tonifying properties.

In vitro test

CARESOFT™ effects on human keratinocytes were analysed to prove its capacity of modulating NHE1 expression, which regulates pH.

The more fluorescence intensity, the more NHE1 expression:

- At t = 24h → +58%
- At t = 48h → +79%

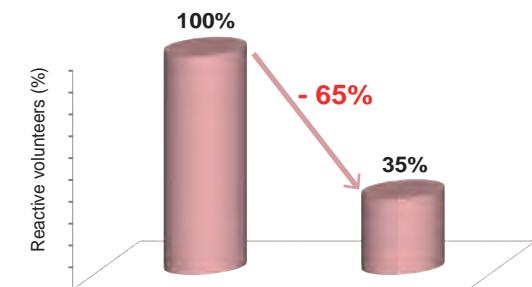


An study proved that **extracellular pH decreases**

Barrier function recovery
Structure regains integrity
Skin protection against aggressions

In vivo test

Stinging test



Skin sensitivity against an irritant product is evaluated with stinging test:

- At D₀ and D₂₈ an irritant product is applied
- From D₀ to D₂₈ daily use of a formula with **CARESOFT™**

After using **CARESOFT™** for 28 days, 65% of volunteers don't feel discomfort on skin
↓
Skin does not feel sensitive

- Additional tests proved a pH decrease and a barrier recovery. Therefore, stratum corneum is balanced.

CARESOFT™ :

- Decreases skin reactivity
- Recovers epidermal barrier
- Soothes sensitive skin
- Reduces discomfort

