

Sugar of life

TREALIX

A well balanced combination of a natural disaccharide (**Trehalose**) and **vegetable proteins** that mimics the composition of skin's Natural Moisturizing Factor.

It restores normal hydration and fosters the **recovery of dry, reddened or stressed skin**.

Trealix is able to **stimulate autophagy**, a physiological process that slows down with the aging process and that is necessary to eliminate harmful cellular components that can damage the cell and therefore skin appearance.

- **Restores skin optimal hydration level**
- **Performs both immediate and long lasting skin moisturization**
- **Addresses mature skin needs**



Snerga
SKIN EVOLUTION

INCI NAME

Trehalose, Hydrolyzed Vegetable Protein

SPECIFICATIONS

Appearance: clear liquid
 Color: from yellow to amber
 Odor: characteristic
 pH: 5.00-6.00
 Suggested dosage: 1 - 5%

EFFICACY TESTS

IN VITRO:

+196% autophagy

IN VIVO:

+577% instant hydration after 5 minutes, compared to benchmark

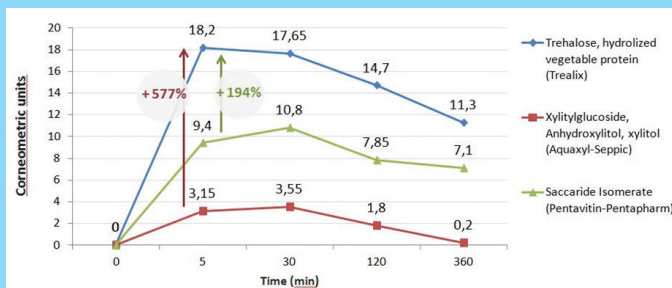


Figure 1: in vivo test of Trealix Vs 2 different hydrating actives, all diluted by 10%. On 20 volunteers with dry skins, one application on the forearm.

+17% instant hydration (after 1 minute)

+5% long-term hydration (after 1 week)

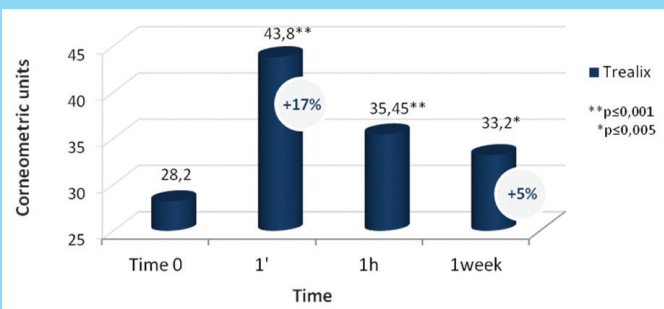


Figure 2: in vivo test of 2% Trealix cream, on 20 volunteers with dry skins, twice a day, on the limbs.

- 15% TEWL after 30 minutes

MAIN APPLICATIONS

Moisturizers, hydrating treatments, body lotions, nourishing serums

FEATURES

- Active moisturizer
- Short and long term hydration
- Sensitive skin rescuer
- 100% natural ingredient
- Mature skins

INTENSE HYDRATING NIGHT CREAM

LSIN7465

INGREDIENTS	PHASE	%
Aqua	A	54.94
Sodium Benzoate		0.40
Disodium EDTA		0.10
Glycerin		10.00
Panthenol		0.20
Hydroxyacetophenone		0.50
Xantham Gum	A'	0.30
Phytocream® 2000 (Potassium Palmitoyl Hydrolyzed Wheat Protein, Glyceryl Stearate, Cetearyl Alcohol)	B	8.00
Cetyl Stearyl Alcohol		2.00
Prunus Amygdalus Dulcis Oil		2.00
Argania Spinosa Kermel Oil		2.00
Squalane		2.00
Caprylic/Capric Triglyceride		4.00
Butyrospermum Parkii (Shea) Butter		5.00
Tocopheryl Acetate		0.20
Lecithin, Tocopherol, Ascorbyl palmitate, Citric acid		0.05
Diheptyl Succinate (and) Capryloyl Glycerin/ Sebacic Acid Copolymer		1.00
TREALIX® (Trehalose,Hydrolyzed Vegetable Protein)	C	2.00
Sodium Ascorbyl Phosphate	D	0.20
Aqua		1.60
Azeloglicina® (Potassium Azeloyl Diglycinate)	E	3.00
Perfume	F	0.40
Lactic Acid	G	0.11

CHARACTERISTICS

Aspect: Semiconsisten emulsion
 Color: White / Ivory
 Odor: Characteristics
 pH: 5.5 - 6
 Brookfield Viscosity SP 4 - RPM 10: 10'500 - 13'500 mPa*s

METHOD

Heat phase A at 70°C, then add A' under fast stirring.
 Heat phase B at 70°C and add it to A+A'.
 Cool down at 30°C, then add phases C-F.
 Adjust pH with G.