



Paving the way for beauty

TRI-SOLVE®

A **skin barrier recovery agent** obtained by a **vehiculation technology** that allows to form extremely stable structures to better deliver its active compounds.

The combination of an intracellular lipid component (ceramides) and a sugary humectant agent (trehalose) makes Tri-Solve® the perfect ingredient to **restore the stratum corneum and inhibit dehydration damages.**

- **Patented application**
- **Skin barrier recovery**
- **Restores inter-cellular lipids**
- **Improves barrier homeostasis**
- **Hydrating & moisturizing agent**



Snerga
SKIN EVOLUTION

INCI NAME

Tri-Solve®

Trehalose, Ceramide NS, Cholesterol, Hydrogenated Lecithin

Tri-Solve® P

Trehalose, Ceramide NS, Phytosterols, Hydrogenated Lecithin

APPLICATIONS

Hydrating and repairing treatments, extremely dry skins (also in case of psoriasis, dermatitis).

EFFICACY TESTS

IN VITRO

■ **+ 68%** hydration (after 3 days)

■ **+102%** hydration (after 4 weeks)

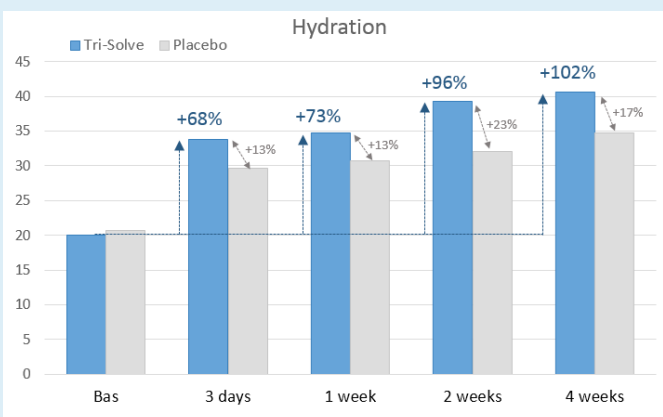


Figure 1: Evaluation of hydrating efficacy of a cream with Tri-Solve 2% vs baseline and placebo.

■ **- 36%** TEWL (after 3 days)

■ **- 54%** TEWL (after 4 weeks)

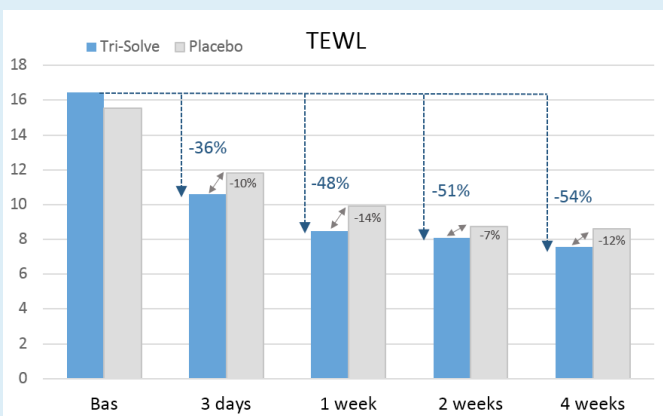


Figure 2: Evaluation of TEWL reduction of a cream with Tri-Solve 2% vs baseline and placebo

SPECIFICATIONS

Appearance: viscous gel
 Colour: from yellow to amber
 Odor: characteristic
 pH (sol.10%): 4.50 – 7.50
 Dry residue (at 105°): 77.00 – 87.00 %
 Suggested dosage: 1 – 3%

REPAIRING NIGHT CREAM

LSIN6882B

INGREDIENTS	PHASE	%
Water	A	58.65
Disodium EDTA		0.10
Sodium Benzoate		0.40
Glycerin		3.00
Hydroxyacetophenone		0.60
Dolcévia® (Stevioside)		0.40
Konjac flour		0.40
Phytocream® 2000 (Potassium Palmitoyl Hydrolyzed Wheat Protein, Glyceryl Stearate, Cetearyl Alcohol)	B	10.00
Caprylic/Capric Triglyceride		6.00
Dicaprylyl Ether		7.00
Almond Oil		3.00
Diheptyl Succinate, Capryloyl Glycerin/Sebacic Acid Copolymer		1.00
Coco-Caprylate (and) Undecane (and) Tridecane		2.00
Lecithin, Tocopherol, Ascorbyl Palmitate, Citric Acid		0.05
Tocopherol		0.10
Water	C	1.00
Sodium Ascorbyl Phosphate		0.10
TRI-SOLVE® (Trehalose, Ceramide NS, Cholesterol, Hydrogenated Lecithin)	D	2.00
Bipure (Azelaoyl Bis-Dipeptide-10 and Citrate buffer and Glycerin)	E	4.00
Fragrance	F	0.20

METHOD

Heat phase A at 75°C, then add Konjac flour under fast stirring. Heat phase B at 70°C. Add phase B to A under fast stirring until it forms a homogeneous system. Cool down and add phase C at 50°C, then add the other phases under slow stirring until it forms a homogeneous system.

CHARACTERISTICS

Aspect: semi consistent emulsion
 Colour: Ivory
 Odour: Characteristic
 pH: 5.5 - 6.5
 Brookfield Viscosity (SP 5 RPM 50): 4'000 - 11'000 mPa