



HYDRAMINERALIS

HYDRATING MINERAL COMPLEX

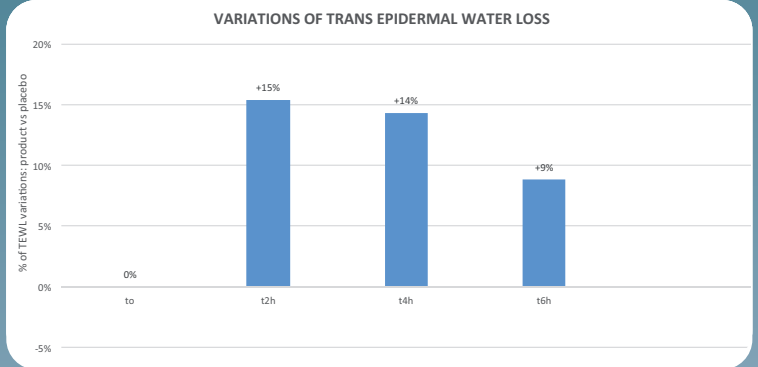
An innovative synergistic mixture of calcium, magnesium, potassium and sodium for a powerful hydration. Mineral salts are the second most important component of the natural moisturizing factors, after amino acids. Minerals regulate aquaporins which allow circulation of water between intracellular and extracellular fluids.

PROPERTIES

- **Hydration:**
Strengthens the hydrolipidic film and restores the barrier function
- **Protection:**
Neutralizes free radicals and slows down ageing process.
- **Vitality:**
Calcium is a soother and revitalizer. It plays a role in collagen formation and regulates the cells turnover. Thus an increase in the epidermal calcium content stimulates keratinocytes differentiation.
- **Regeneration:**
Magnesium actively participates in metabolism reactions including energy production and protein synthesis.

HYDRAMINERALIS SHOWS EFFICACY IN A SINGLE APPLICATION.

DECREASE IN TRANS EPIDERMIAL WATER LOSS IN A SINGLE APPLICATION, VERSUS PLACEBO



MODUS OPERANDI

- 1) Disperse Phase A2 in Phase A1 previously homogenized.
- 2) Prepare Phases B1 and B2.
- 3) Bring Phases A and B1 to 75-80°C.
- 4) Add Phase B2 to Phase B1.
- 5) Add Phase B to Phase A without stirring. Emulsify with the Turrax 15-30 s at 10000 rpm.
- 6) Then, place under conventional stirring at 1500 rpm.
- 7) Add Phases C, D and E at 55°C.

Phase	Name	INCI Name	Function	% w/w
A1	PURIFIED WATER	Water	Solvent	64.90
A2	GLYCERIN ZEMEA KELTROL TF BENTONE EW CE	Glycerin Propanediol Xanthan gum Hectorite	Humectant Humectant Gelling agent Viscosing agent	4.00 6.00 0.30 0.30
B1	MONTANOV 68 TEGO CARE PS CUTINA GMS V LABRAFAC CC	Cetearyl alcohol (and) cetearyl glucoside Methyl glucose sesquistearate Glyceryl stearate Caprylic/ capric triglyceride	Emulsifier Emollient Emollient Emollient	3.00 2.00 1.00 12.00
B2	SEPIMAX ZEN	Polyacrylate Crosspolymer-6	Gelling agent	0.50
C	PURIFIED WATER HYDRAMINERALIS	Water Water (and) propanediol (and) sodium glycerophosphate (and) potassium magnesium aspartate (and) calcium glucoheptonate (and) magnesium gluconate	Solvent Active ingredient	4.00 1.00
D	GEOGARD ECT	Benzyl alcohol (and) salicylic acid (and) glycerin (and) sorbic acid	Preservative	1.00
E	SODA SOLUTION 10%	Sodium hydroxide	pH adjuster	Qs pH
Total				100

THINK ISALTIS, THINK MINERALIS!

HIGH PURITY MINERAL SALTS MANUFACTURER

- Preservative free
- Organic forms derived from vegetable raw materials
- Meets global regulations & worldwide registered
- Manufactured in France and GMP compliant
- Dedicated team in cosmetic application

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ISALTIS

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