

Formulation

Biomimetic Harmony Elixir

NK2508-20.4

This weightless, fluid serum that moves in tune with the skin's own rhythm. Infused with skin-identical ceramides, collagen, and hyaluronic acid, it mirrors the skin's natural structure to restore balance, resilience, and deep hydration.

Phase	Ingredients	Dose (% W/W)
A	TEGO® Care PBS 6 MB (Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate)	3.00
	TEGOSOFT® DC MB (Decyl Cocoate)	5.00
	TEGO® Alkanol 1618 MB (Cetearyl Alcohol)	0.50
B	Water (Aqua)	85.85
	Glycerin	3.00
	Kelcogel CG-HA (Gellan Gum)	0.05
	HyaCare® (Sodium Hyaluronate)	0.10
	Keltrol CG-SFT (Xanthan Gum)	0.20
C	dermosoft® PEA (Phenethyl Alcohol)	1.00
	Vecollage® Fortify L (Water; Glycerin; sh-Polypeptide-69)	0.30
	SKINMIMICS® PRO MB (Ceramide EOP; Ceramide NP; Ceramide NS; Ceramide AP; Cholesterol; Behenic Acid; Polyglyceryl-10 Stearate; Polyglyceryl-6 Behenate; Glycerin; Cetearyl Alcohol; Glyceryl Stearate; Sodium Cetearyl Sulfate; Triethylcitrate; Lactic Acid; Aqua/Water)	1.00
D	Citric Acid, 10% sol. in water (Citric Acid, Aqua)	q.s.

PROCESSING

1. To prepare phase B, mix glycerin with gellan gum, xanthan gum and hyaluronic acid.
2. Add water and homogenize.
3. Heat phase A and B to approx. 75 - 80°C.
4. Add phase B to A without stirring.
5. Homogenize.
6. Cool down to approx. 40°C while stirring gently.
7. Add Phase C and stir well.
8. Cool down to <30°C and adjust the pH value to 6.00 - 6.50 using phase D.

APPEARANCE

Low viscous, white fluid

VISCOSITY

200 - 500 mPa*s (Anton Paar (21°C), RH4, 100 rpm)

PH VALUE

6.00-6.50

STABILITY TEST

Proven

MICROBIOLOGICAL SAFETY

Challenge test passed

Disclaimer

This formulation proposal and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee regarding the formulation proposal in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of the formulation proposal in the respective application field. Performance and properties of the formulation proposal described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Care Solutions
Goldschmidtstraße 100
45127 Essen
Germany
Phone +49 201 173-2546
Fax +49 201 173-712546