

Starting point formulation – Hydrogel – moisture boost

Shimmering hydrogel offering skin soothing and rebalancing care. LAPONITE-XLG stabilizes the pigments and provides a lightweight texture with a very nice and pleasant skin feel.

Formulation

Phase	Tradename	INCI	Supplier	Function	Dosage (%)
A	Water	Aqua	-	Carrier	95.60
	LAPONITE-XLG	Lithium Magnesium Sodium Silicate (Nano)	BYK	Rheology modifier	1.50
	Cosphaderm X-34	Xanthan Gum	Cosphatec	Rheology modifier	0.75
	Panthenol	Panthenol	BASF	Active	1.50
B	SYNCRISTAL Gold	Synthetic Fluor Phlogopite, Iron Oxides	ECKART	Pigment	0.05
C	euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	Ashland	Preservative	0.60
Total					100.00

Instructions (manufacturing procedure)

- Add LAPONITE-XLG and xanthan gum to the water of phase A and stir with moderate agitation for about 25 min.
- After the formation of the gel add the active ingredient, the colorant (phase B) and the preservative (phase C).
- Adjust the final pH to 5.5.

Characteristic data

- Appearance: gold shimmering, viscous gel.
- Storage stability: 3 months at 40 °C.

LAPONITE-XLG is a rheology additive based on synthetic phyllosilicate providing a thixotropic stabilization and an extraordinary nice skin feel.



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