

Starting point formulation – Deo spray (pump) – go fresh

This deo spray gives your skin a pleasant freshness. **LAPONITE-XL 21 XR** leads to a stable formulation and the strong shear thinning effect to a good sprayability.

Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	Water	Aqua		Carrier	92.75
	LAPONITE-XL 21 XR	Sodium Magnesium Fluorosilicate (Nano)	BYK	Rheology modifier	0.50
	Cosphaderm X24	Xanthan Gum	Cosphatec	Rheology modifier	0.05
B	D-Panthenol 75W	Panthenol	BASF	Active	2.00
	Dermofeel Tec ECO	Triethyl Citrate	Evonik	Active	0.50
	Glycerol 85 %	Glycerin	vwr	Moisturiser	3.00
	Vercatech CAPRYFORCE ECO	Glyceryl Caprylate, Pentylene Glycoll, Magnolia Officinalis Bark Extract		Preservative	1.00
	Frische NatScent	Parfum	Bell	Fragrance	0.20
Total					100.00

Instructions (manufacturing procedure)

- Sprinkle mixture of LAPONITE-XL 21 XR and Xanthan Gum to the water of phase A while stirring (800 rpm with a paddle stirrer).
- Continue stirring for another 15 min. until phase A is transparent.
- Then add ingredients of phase B one after the other while stirring.
- Adjust the final pH value to 4.0–5.0.

Characteristic data

- Appearance: Nearly transparent.
- Storage stability: 3 months at 40 °C.

LAPONITE-XL 21 XR is a rheology additive based on synthetic phyllosilicate providing a thixotropic stabilization.



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