

Base formulation for Whitening Fluid

Light lotion for brightened and even skin tone

- **BergaBright SmartLipids Glabridin** makes the most out of a valuable whitening active by enhancing skin penetration, increasing bioavailability, controlling release and supporting the skin barrier function.
- **BergaMuls ET 1** gives this formulation its light but stable texture in a natural and sustainable way.



Penetration &
bioavailability



Controlled
release

Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	Glycerin (99.5 %)	Glycerin	3.0
	Xanthan Gum	Xanthan Gum	0.5
B	BergaMuls ET 1 ¹	Beta-Glucan (and) Pectin	3.0
	BergaCare SB ¹	Butyrospermum Parkii (Shea) Butter	2.0
	BergaBest PGDE ¹	Propylene Glycol Dicaprylate/Dicaprate	2.0
	BergaBest MCT Oil 60/40 ¹	Caprylic/Capric Triglyceride	2.0
	Cetearyl Alcohol	Cetearyl Alcohol	2.0
	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	1.0
C	NaOH	Sodium Hydroxide	adjust pH
D	BergaBright SmartLipids Glabridin ¹		3.0
E	Preservative/Fragrance	-	q.s.

Supplier: ¹ Berg + Schmidt

Formulation instructions:

- Weigh water and glycerin from phase A, start mixing and gradually add xanthan gum
- Weigh all raw materials from phase B except BergaMuls ET 1 and BergaCare SB, heat both phases up to ~ 70 °C
- Once phase B has melted, add BergaCare SB and gently disperse BergaMuls ET 1
- Add phase B to A while stirring and homogenize for 30 seconds
- Cool down to 40 °C, adjust pH to desired value and preserve
- As final step add BergaBright SmartLipids Glabridin while stirring

pH = 6.2

Viscosity (24 h) = 10 260 Cps

Internal Ref: Face Lotion-003-BSC



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