

Starting point formulation – Natural cream – vegan life

Natural cream with a long-lasting moisturizing effect. GELWHITE-H XR stabilizes the formulation and offers a nice sensorial profile. The skin feels soft and saturated without an oily residue.

Formulation

Phase	Tradename	INCI	Supplier	Function	Dosage (%)
A	Water	Aqua	-	Carrier	71.70
	GELWHITE-H XR	Bentonite	BYK	Stabilizer, rheology modifier	3.00
	Glycerin	Glycerin	VWR	Moisturizer	3.00
B	Olivem 1000	Cetearyl Oliviate, Sorbitan Oliviate, Cetearyl Alcohol	Hallstar	Emulsifier	4.00
	Lanette O	Cetearyl Alcohol	BASF	Stabilizer	1.00
	Biochemica Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	Hallstar	Emollient	5.50
	Plantasens Abyssinian Oil	Crambe Abyssinica Seed Oil	Clariant	Emollient	6.50
	Aprikosenkernöl, kbA	Prunus Armeniaca Kernel Oil	Gustav Heess	Emollient	3.50
	Cutina CP	Cetyl Palmitate	BASF	Stabilizer	0.50
	BIOCHEMICA VITAMIN E natural	Tocopherol	Hallstar	Antioxidant	0.50
C	Rokonsal BDIH (BSB-N)	Benzyl Alcohol, Glycerin, Benzoic Acid, Sorbic Acid	Ashland	Preservative	0.50
D	Frische NatScent	Parfum	Bell	Fragrance	0.30
Total					100.00

Instructions (manufacturing procedure)

- Add GELWHITE-H XR to the water of phase A under stirring. Keep stirring for 15 min at 800 rpm until homogeneous.
- Complete phase A with glycerin.
- Weigh in ingredients of phase B. Heat phase A and B separately to 80 °C.
- Add phase B slowly to phase A under stirring with good agitation.
- Homogenize for 2 min (ultra turrax at 10,000 rpm).
- Cool down while stirring and add phase C and D one after the other below 40 °C.
- Adjust the final pH value to 5.0 with citric acid.

Characteristic data

- Appearance: white smooth and easy to apply.
- Storage stability: 3 months at 40 °C.

GELWHITE-H XR is a high-purity natural bentonite with extraordinary anti-settling, stabilizing and sensorial attributes.



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This issue replaces all previous versions.

