



Water Memory Defender Cream (SLI-059)

Skin care formulation combining fine emollients, actives and moisturizers.

The unique combination regulates the water balance in the skin and strengthens the inner and outer skin barrier.

Phase	Ingredient	INCI	% w/w	Function
A	Water demin.	AQUA	QS	
	PuraBeet® Betaine Anhydrous (AGRANA Stärke)	BETAINE	3.00	Humectant
	KOPULAN CG (KUMAR ORGANIC PRODUCTS Ltd.)	PULLULAN	2.00	Film Former
	SHARON AQUAVITA® 90 (Sharon Personal Care)	NIACINAMIDE, GLYCERYL CAPRYLATE, DECYLENE GLYCOL	3.00	Preservative
	XG-QUICK-T (Ningxia Top Hydrocolloids Co., Ltd.)	XANTHAN GUM	0.20	Thickener
B	TEGO® Care PBS 6 MB	POLYGLYCERYL-6 STEARATE, POLYGLYCERYL-6 BEHENATE	4.00	Emulsifier
	TEGOSOFT® MM MB	MYRISTYL MYRISTATE	2.00	Stabilizer
	TEGIN® Pellets MB	GLYCERYL STEARATE SE	2.00	Emulsifier
	Lanette® O	CETEARYL ALCOHOL	1.00	Stabilizer
	OLEAWHITE (GILAS sas)	OLUS OIL	5.00	Emollient
	SHAROFEEL LL (Sharon Personal Care)	LAURYL LAURATE	5.00	Emollient
	Gilsolide® CN (GILAS sas)	POLYGLYCERYL-4 OLEATE, GLYCERYL OLIVATE, C13-14 ALKANE	5.00	Emollient
	Premium Organic* Coconut Butter (NATUROCHIM S.A.S.)	COCOS NUCIFERA OIL, HYDROGENATED COCONUT OIL	2.00	Butter
C	PANTROFINA® HYDRAFEEL-3 (Sharon Personal Care)	POLYGLYCERYL-3 PCA	2.00	Active
	Parfümöil UNIQUE RITUAUK (Frey + Lau GmbH)	PARFUM	0.50	Perfume



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Specification:

Appearance: White cream

pH-value: 5.20 – 5.80

Viscosity: approx. 14000 mPas
(IKA Rotavisc me-vi, SP9,
5rpm, 20°C)

Stability: Stable for 3 months at 4°C,
20°C, 40°C, 1 month at 45°C

Procedure:

- I. Mix the components of phase A while stirring and heat up to 80°C.
- II. Mix the components of phase B while stirring and heat up to 80°C.
- III. Add phase B to phase A and homogenize for 5 – 10 minutes.
- IV. Cool down to 35°C and add phase C.

Raw Material Insights

PuraBeet® Betaine

- Derived naturally, delivers outstanding moisturizing effects and strengthens the skin's barrier.

KOPULAN CG

- Multifunctional, Eco-friendly Biopolymer and Film Former.

SHAROFEE LL

- Improves skin moisturization, contributing to the sensory characterization of the formulation.

PANTROFINA® HYDRAFEEL-3

- Texturizing and protective active ingredient for hair care, skin care and make up applications.

SHARON AQUAVITA® 90

- first vitamin-based multifunctional preservation system resulting from the search for new synergies.

SLI Chemicals GmbH

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