

Formulation

Garden of Calm Moisturizer

TDI-001-O-32.9-1125

A soothing cream for the skin after a long day.

Phase	Ingredients	Manufacturer	Dose (% W/W)
A	Water (Aqua)	various	63.38
	D-Panthenol 75W (Panthenol; Aqua; Citric Acid)	Zhejiang Hangzhou XinFu	3.00
	dermofeel® PA-3 (Sodium Phytate, Aqua, Alcohol)	Evonik	0.10
B	Glycerin 99,5%, Ph. Eur. (Glycerin)	Cremer Oleo	5.00
	Xanthan Gum FEDCS-PC (Xanthan Gum)	Jungbunzlauer International AG	0.30
C	dermofeel® GSC SG (Glyceryl Stearate Citrate)	Evonik	3.50
	TEGO® Alkanol 1618 MB (Cetearyl Alcohol)	Evonik	2.00
	TEGOSOFT® CT MB (Caprylic/Capric Triglyceride)	Evonik	6.00
	TEGOSOFT® DC MB (Decyl Cocoate)	Evonik	6.00
	Sunflower Oil (Helianthus Annuus Seed Oil)	various	5.00
	dermofeel® AP MB (Ascorbyl Palmitate)	Evonik	0.10
	INVEILOX™ COProtect MB (Carnosic acid, Oryzanol, Phytosterols, Cetearyl alcohol)	Evonik	0.50
D	SKINLIPIX® HydraShield (Ceramide NP; Ceramide NG; Sorbitol; Aqua, Betaine; Polyglyceryl-10 Stearate; Polyglyceryl-6 Behenate)	Evonik	2.00
	dermosoft® 7GA MB (Aqua; Glycerin; Heptylglycerin; Sodium Anisate)	Evonik	2.65
	Perfume	various	0.30
E	Citric Acid, 20% sol. in water (Citric Acid, Aqua)	internally prepared	0.17

PROCESSING

1. Premix phase A and C separately and heat up to 80 °C.
2. Add part B to A under stirring until completely dissolved.
3. Add phase C to A while stirring.
4. Homogenize.
5. Cool down with gentle stirring below 40 °C.
6. Add ingredients of phase D and stirr to room temperature.
7. Adjust pH with phase E.

REMARKS

Natural content cn (incl. water, ISO 16128): 72.17 %

Natural origin content cno (incl. water, ISO 16128): 97.52 %

APPEARANCE

Off white emulsion

VISCOSITY

12.000 – 15.000 mPas (Brookfield (21°C): TC: Speed 10 rpm)

PH VALUE

5.0 – 5.3

STABILITY TEST

Proven

MICROBIOLOGICAL SAFETY

Challenge test passed

Disclaimer

This formulation proposal and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee regarding the formulation proposal in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of the formulation proposal in the respective application field. Performance and properties of the formulation proposal described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Care Solutions
Goldschmidtstraße 100
45127 Essen
Germany
Phone +49 201 173-2546
Fax +49 201 173-712546