

Formulation

Self Tan Body Lotion

L103-7.1-0123

Phase	Ingredients	Manufacturer	Dose (% W/W)
A	Water, deionized (Aqua)	various	39.30
	Glycerin 99,5%, Ph. Eur. (Glycerin)	Cremer Oleo	5.00
A1	Keltrol CG-RD (Xanthan Gum)	Tate & Lyle PLC	0.40
B	TEGO® Care PBS 6 MB (Polyglyceryl-6 Stearate; Polyglyceryl-6 Behenate)	Evonik	4.00
	TEGO® Alkanol 1618 MB (Cetearyl Alcohol)	Evonik	2.00
	TEGIN® M Pellets MB (Glyceryl Stearate)	Evonik	1.50
	TEGOSOFT® DC MB (Decyl Cocoate)	Evonik	6.00
	TEGOSOFT® CT MB (Caprylic/Capric Triglyceride)	Evonik	15.00
	TEGODEO® PY 88 G (Zinc Ricinoleate)	Evonik	1.00
	Verstatil® PC (Phenoxyethanol, Caprylyl Glycol)	Evonik	0.80
C	Dihydroxyacetone (Dihydroxyacetone)	various	5.00
	Water, deionized (Aqua)	various	20.00

PROCESSING

1. Premix phase A and B separately and heat up to 78°C.
2. Add phase A1 to A under stirring and wait until everything is soluted.
3. Add phase B to A under stirring. Homogenize.
4. Cool down under medium stirring.
5. Add phase C below 40°C
6. Adjust pH-value to 4.5

APPEARANCE

White lotion

VISCOSITY

20000 - 40000 (Viscosity Brookfield (21°C): RV 4; 10 rpm)

PH VALUE

4.5

STABILITY TEST

Proven

MICROBIOLOGICAL SAFETY

Challenge test passed

Disclaimer

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Evonik Operations GmbH

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