

## Formulation

# Biomimetic Silklight Lotion

NK2508-24.1

This silky, feather-light lotion strengthens the skin barrier with biomimetic ceramides, enhances firmness and elasticity with skin-identical collagen, and infuses the skin with deep, lasting hydration powered by hyaluronic acid.

Phase	Ingredients	Dose (% W/W)
<b>A</b>	<b>TEGO® Care PBS 6 MB</b> (Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate)	3.00
	<b>TEGO® Alkanol 1618 MB</b> (Cetearyl Alcohol)	0.20
	<b>TEGOSOFT® OER MB</b> (Oleyl Erucate)	3.00
	<b>TEGOSOFT® DC MB</b> (Decyl Cocoate)	4.00
	<b>TEGOSOFT® SH MB</b> (Stearyl Heptanoate)	1.00
	<b>TEGOSOFT® CR MB</b> (Cetyl Ricinoleate)	0.50
	<b>dermosoft® GMCY MB</b> (Glyceryl Caprylate)	0.30
<b>B</b>	Glycerin	3.00
	Keltrol CG-SFT (Xanthan Gum)	0.20
	Kelcogel CG-HA (Gellan Gum)	0.04
	<b>HyaCare®</b> (Sodium Hyaluronate)	0.10
	Water (Aqua)	75.64
<b>C</b>	<b>dermosoft® 1388 eco</b> (Glycerin, Aqua, Sodium Levulinate, Sodium Anisate)	3.50
<b>D</b>	<b>Vecollage® Fortify L</b> (Water; Glycerin; sh-Polypeptide-69)	2.50
	<b>SKINMIMICS® PRO MB</b> (Ceramide EOP; Ceramide NP; Ceramide NS; Ceramide AP; Cholesterol; Behenic Acid; Polyglyceryl-10 Stearate; Polyglyceryl-6 Behenate; Glycerin; Cetearyl Alcohol; Glyceryl Stearate; Sodium Cetearyl Sulfate; Triethylcitrate; Lactic Acid; Aqua/Water)	2.50
	Dye	0.48
	Perfume	0.04
<b>E</b>	Citric Acid, 10% sol. in water (Citric Acid, Aqua)	q.s.

## PROCESSING

1. Heat phase A and B separately to 75 - 80°C.
2. Add phase B to A without stirring.
3. Homogenize.
4. Cool down to 50°C.
5. Add phase C and stir well.
6. Cool down to 40°C.
7. Add phase D and stir well.
8. Cool down to 30°C and adjust pH to 5.0 - 5.5 with citric acid.

## APPEARANCE

White lotion

## VISCOSITY

7 - 15 Pa\*s (Anton Paar (21°C), RH4, 5 rpm)

## PH VALUE

5.0-5.5

## STABILITY TEST

Proven

## MICROBIOLOGICAL SAFETY

Challenge test passed

### Disclaimer

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