

Anti-Ageing Balm Featuring:
 Silsoft* CLX-E conditioning agent

HAIR CARE



Silsoft CLX-E conditioning agent helps condition damaged hair with a light texture in anti-ageing balms like the one below. It enhances hair hydrophobicity and can reduce further damage caused by heat treatments - leaving a smooth and sleek finish.

Phase	Ingredients	INCI Name	Wt (%)
A	Water	Aqua	qs to 100
	Disodium EDTA	Disodium EDTA	0.05
	Dehyton [†] K ² (30%)	Cocamidopropyl Betaine	3.00
	Dehyquart [†] A-CA ² (25%)	Cetrimonium Chloride	7.00
	Glycerin	Glycerin	1.50
B	Panthenol	Panthenol	0.70
	Genamin [†] KDMP ³ (80%)	Behenyl Trimethyl Ammonium Chloride	1.00
	Lanette [†] 14 ²	Myristyl Alcohol	2.00
	Lanette 16 ²	Cetyl Alcohol	4.00
C	Crotein [†] K ⁴	Hydrolyzed Keratin	0.05
	Hydrolactin [†] 2500-PW ⁴	Hydrolyzed Milk Protein	0.05
D	Schercemol [†] NGDO ester ⁵	Neopentyl Glycol Diethylhexanoate	0.50
	Silsoft 034 fluid¹	Caprylyl Methicone	0.50
	Silsoft CLX-E conditioning agent¹ (15%)	Dipropylene Glycol (and) Polysilicone-29	8.00

Procedure:

- Mix all ingredients of phase A.
- Mix all ingredients of phase B and add to phase A.
- Mix until homogeneous. Homogenize with ULTRA-TURRAX[†] for 1 - 2min (~ 9500 rpm).
- Add phases C and D one at a time while stirring.
- Add fragrance and preservatives as desired and adjust pH to 5 - 6.

Typical Physical Properties:

Appearance:	White balm
pH:	5.0 – 6.0
Viscosity:	4000 – 7000 cPs
Stability:	3 months/45°C

Typical properties are average test data, may vary and are not to be used as or to develop specifications.

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[†]Trademarks of their respective owners.

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Suppliers:

1. Momentive Performance Materials
2. BASF SE
3. Clariant
4. Croda International Plc
5. Lubrizol Advanced Materials, Inc.

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