

Hair Smoother

14761-3.A

Description

A smooth hair mayonnaise offering hair manageability and luster in both dry and wet hair.
Also an excellent beard smoother.

- The emulsifying pair Elfacos® ST9 and Elfacos® E200 creates the W/O emulsion ("mayonnaise") with creamy texture, easy to spread even on thicker hair types.

- Celquat® H-100 provides hair smoothness and thickens the cream

Formula

Trade Name	INCI Name	% w/w	Supplier
Phase A			
Elfacos® ST 9	PEG-45 / Dodecyl Glycol Copolymer	2.00%	AkzoNobel
Elfacos® E 200 emulsifier	Methoxy PEG-22/Dodecyl Glycol Copolymer	5.00%	AkzoNobel
Cetiol® CC	Dicaprylyl Carbonate	5.00%	BASF Care Creations
99.5% USP Glycerin	Glycerin	2.52%	Brenntag/Textile
Propylene Glycol U.S.P.	Propylene Glycol	2.51%	Arco Chemical Company
Phase B			
Deionized Water	Water (Aqua)	78.46%	Local
CELQUAT® H-100 polymer	Polyquaternium-4	3.50%	AkzoNobel
Phase C			
Microcare® PEHG	Phenoxyethanol (and) Ethylhexylglycerin	1.01%	Thor
Total:		100.00%	

Procedure

Phase A: Mix thoroughly Elfacos E200, Elfacos ST 9, Cetiol CC, Glycerin and Propylene Glycol until the liquid is smooth without lumps.

Phase B: Pour slowly Celquat H-100 into the vortex of the water put on high propeller speed stirring. Continue to stir until the liquid is clear transparent and thickened.

Add slowly phase B to phase A while stirring with anchor propeller at high speed.

Turn down the mixing speed to normal.

Phase C: Add slowly Microcare PEHG.

Continue mixing for an hour or so, until the cream is homogenous.

Created: 2018-02-28 07:19:27 GMT Modified: 2018-02-28 08:02:58 GMT



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Properties

Packaging

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