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Revitalizing Facial Cream

Products highlighted: Florasun® 90, Floramac® Macadamia Oil, Floraesters K-20W Jojoba

This formula produces a facial cream that stimulates the skin. The Sunflower Seed Oil and the Macadamia Integrifolia Seed Oil combination leaves skin feeling refreshed and restored.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water		Q.S.
	Pemulen TR-1	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.30
B.	Carbopol Ultrez 10	Carbomer	Lubrizol	0.50
C.	Allantoin	Allantoin	Sutton	0.10
	Versene Na2	Disodium EDTA	Dow	0.05
	DL-Panthenol Liquid 50 ¹	Panthenol	DSM	0.50
D.	Florasun 90	Helianthus Annuus (Sunflower) Seed Oil (and)	Floratech	4.00
		Tocopherol		
	Floramac Macadamia Oil	Macadamia Integrifolia Seed Oil (and)	Floratech	3.00
		Tocopherol		
	Ceraphyl 375	Isostearyl Neopentanoate	ISP	3.00
	Glucam E-20	Methyl Gluceth-20	Lubrizol	1.00
	Brij 721	Steareth-21	Uniqema	1.00
E.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)		8.0
	Glycerin USP 99%	Glycerin	Acme-Hardesty	2.50
F.	Preservative	-----		Q.S.
	Fragrance	Fragrance		Q.S.
			TOTAL	100.00

Mixing Procedure:

1. Heat water of Phase A to 75-80°C. With rapid propeller agitation, sprinkle in Pemulen and mix until well dispersed.
2. Add carbomer of Phase B slowly to Phase A and mix until uniform.
3. Add ingredients of Phase C in the order listed to Phase AB mix until homogenous. Maintain temperature at 75°C.
4. Premix Phase D ingredients and heat to 75°C.
5. Slowly add Phase D to Phase ABC with moderate propeller agitation. Mix for 10 to 15 minutes.
6. Pre-mix Phase E and add to Phase ABCD. Mix for 10 to 15 minutes.
7. Cool to 45°C. Add Phase F ingredients in the order listed. Cool to room temperature with sitrring.

¹ Reference Quality Control Spec: pH= 7.65 @ 25°C (fresh)

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of their accuracy is made and the products discussed are sold without warranty, expressed or implied, and upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent.

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