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Vitamin-Enriched Eye Cream

Products highlighted: Floraesters[®] Jojoba Oil-Refined, Floraesters 15, and Florasomes[®] Jojoba with Vitamins E and C

This natural eye cream spreads easily on to the skin surface around the ocular cavity leaving it smooth, soft and supple. The oil in water emulsion provides a moisturizing effect that gives the skin a vibrant and healthy appearance. This formula also has vitamin-enriched Florasomes, each color conveying a different vitamin for skin nourishment.

Phase	Trade Name	INCI Name	Supplier	%wt/wt
A.	Floraesters Jojoba Oil, Refined	Simmondsia Chinensis (Jojoba) Seed Oil	Floratech	10.90
	Floraesters 15	Jojoba Esters (and) Tocopherol	Floratech	11.20
	ABIL EM-90	Cetyl PEG/PPG-10/1 Dimethicone	Degussa Care Specialties	2.10
	ABIL Wax 9801	Cetyl Dimethicone	Degussa Care Specialties	1.10
	Promyristyl PM3	PPG-3 Myristyl Ether	Croda	0.50
	Eusolex T-45D	Isononyl Isonononate (and) Titanium Dioxide (and) Alumina (and) Simethicone (and) Polyglyceryl-6 Ricinoleate	Rona	0.70
	Castorwax NF	Hydrogenated Castor Oil	CasChem	0.45
B.	Deionized Water ¹	Water		Q.S.
	Sorbo 70%	Sorbitol	SPI Polyols	1.50
	Preservative	-----		Q.S.
	Ajidew N-50	Sodium PCA	Ajinomoto	0.20
	DL-Panthenol Liquid 50 ²	Panthenol	DSM	0.30
Sodium Chloride, USP	Sodium Chloride		2.00	
C.	Florasomes Jojoba SMS with 10% Vitamin E³	Jojoba Esters (and) Tocopheryl Acetate	Floratech	0.5
	Florasomes Jojoba SMS with 5% Vitamin C³	Jojoba Esters (and) Ascorbic Acid	Floratech	0.5
			TOTAL	100.00

Mixing Procedure:

- Heat Phase A to 85°C with slow to medium propeller agitation. Mix until all waxes are melted and fully dispersed. Cool to 75°C.
- Heat water of Phase B to 75°C. Add sorbo 70% and preservative. Mix with medium propeller agitation until completely dissolved and Phase is uniform. Cool to 65°C. Add in the rest of Phase B, mix until completely dissolved.
- Very slowly in a steady stream add Phase B at 75°C into Phase A at 75°C with medium propeller agitation for 15 minutes. Agitate and cool batch to room temperature (25°C). Once batch has cooled, homomix batch (using a high sheer mixer) at low speed for 2 to 4 minutes. This will decrease interphase water particle size and build viscosity and body of cream. Be careful not to over sheer batch.
- Add Phase C with sweep agitation until evenly dispersed.

¹ Recommended starting load: 67.45%

² Reference Quality Control Spec: pH = 7.65 @ 25 °C (fresh)

³ Any color or combination of colors

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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