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Delicate Oil-Free Eye Cream Comparison

Products highlighted: Floraesters® 15, Floraesters IPJ, Floraesters K-20W Jojoba, Floramac® Macadamia Oil

The delicate oil-free eye cream comparison shows the difference in performance between Floraesters 15 (Formula A) with Floraesters IPJ (Formula B). The eye cream with Floraesters 15 conveys a more substantive quality while the eye cream with Floraesters IPJ has a lighter characteristic.

Phase	Trade Name	INCI Name	Supplier	Formula	Formula	Formula
				A	B	C
				%wt./wt.	%wt./wt.	%wt./wt.
A.	Deionized Water	Water		Q.S.	Q.S.	Q.S.
	Versene Na2	Disodium EDTA	Dow	0.05	0.05	0.05
	Carbopol Ultrez 10	Carbomer	Lubrizol	0.30	0.30	0.30
	Preservative	-----		Q.S.	Q.S.	Q.S.
B.	Floraesters 15	Jojoba Esters (and) Tocopherol	Floratech	18.00	---	---
	Floraesters IPJ	Isopropyl Jojobate (and) Jojoba Alcohol (and) Jojoba Esters (and) Tocopherol	Floratech	---	18.00	---
	Floramac Macadamia Oil	Macadamia Integrifolia Seed Oil (and) Tocopherol	Floratech	---	---	18.00
	Arlacel 165	Glyceryl Stearate (and) PEG-100 Stearate	Uniqema	1.50	1.50	1.50
	Preservative	-----		Q.S.	Q.S.	Q.S.
	Tween 60	Polysorbate 60	Uniqema	2.20	2.20	2.20
	Arlacel 60	Sorbitan Stearate	Uniqema	0.50	0.50	0.50
	Lanette 16	Cetyl Alcohol	Cognis	1.10	1.10	1.10
	Priesterene 4911	Stearic Acid	Uniqema	0.50	0.50	0.50
	Vitamin E Acetate CG	Tocopheryl Acetate	DSM	0.20	0.20	0.20
C.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	2.80	2.80	2.80
D.	Incromectant LAMEA	Acetamide MEA (and) Lactamide MEA	Croda	1.50	1.50	1.50
TOTAL				100.00	100.00	100.00

Mixing Procedure:

1. Add Versene Na2 to water and let dissolve. Slowly sprinkle Carbopol Ultrez 10 of Phase A into cold water with rapid propeller agitation. Add remaining ingredients and heat Phase A to 80°C with agitation.
2. Heat Phase B to 80°C with agitation.
3. Add Phase B slowly to Phase A with moderate propeller agitation. Mix 10-15 minutes until mixture is uniform.
4. Add Phase C and Phase D to Phase AB with moderate propeller agitation. Mix 10-15 minutes until mixture is uniform. Cool to room temperature.

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.