



Anti-Wrinkle Skin Tightening Lotion

Products highlighted: *Floraesters® 20, Floraesters 30, Floraesters K-100 Jojoba, and Florasolvs® PEG-150 Hydrogenated Jojoba*

This lotion works through the combination of Floraesters 20 and Floraesters 30 coupled with Flexan II. Floraesters 20 and Floraesters 30 are emollients with occlusive properties that trap moisture at the skin's surface. There is also data to support fine line reduction with the use of Floraesters 20 and Floraesters 30. The combination of Florasolvs PEG-150 Hydrogenated Jojoba and Floraesters K-100 Jojoba creates a naturally-derived emulsifier in this formula. Flexan II is a polymer that pulls the skin "tight" as it dries and forms a film. The high pH of Floraesters K-100 Jojoba also neutralizes the Carbopol 940 Polymer.

Phase	Trade/Common Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	Carbopol® 940 Polymer	Carbomer	Lubrizol Corporation*	0.40
	Versene® Na2 Crystals	Disodium EDTA	The Dow Chemical Co.	0.05
	Flexan® II	Sodium Polystyrene Sulfonate	AkzoNobel Chemicals	2.00
B.	Lanette® O	Cetearyl Alcohol	Cognis Corporation	2.00
	Floraesters 20	Jojoba Esters (and) Tocopherol	Floratech	2.50
	Floraesters 30	Jojoba Esters (and) Tocopherol	Floratech	2.50
	Floraesters K-100 Jojoba	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Floratech	4.50
	Florasolvs PEG-150 Hydrogenated Jojoba	Jojoba Oil PEG-150 Esters	Floratech	0.50
	Glycerin, USP	Glycerin	The Dow Chemical Co.	2.00
C.	Preservative	-----	-----	q.s.
			TOTAL	100.00

Mixing Procedure

1. Heat deionized water to 75°C and sift in the Carbopol 940 Polymer with moderate propeller agitation. Allow time for complete hydration. Sift in the Versene Na2 Crystals and Flexan II with moderate propeller agitation.
2. Mix all components of Phase B together and melt at 75°C with stirring. Slowly add Phase B to Phase A with rapid propeller agitation. Use homomixer agitation to completely disperse all of the ingredients and form a fine droplet emulsion.
3. Cool batch to 40°C while mixing. Add the preservative to Phase AB while mixing. Cool to room temperature with slow propeller agitation.

Typical Properties: pH: 6.8 - 7.1
Viscosity: ≥ 120,900 cP

* Supplied by Essential Ingredients

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products 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 or in the treatment, prevention, or cure of any medical condition. (Cleared for Public Disclosure).

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