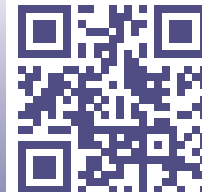




iSerum with L22

Products Highlighted: L22® and Floraesters K-20W® Jojoba



a **Cargill** company

Floritech's iSerum showcases L22 – a new product designed to emulate the skin lipid profile of a healthy young adult and developed for the high-value facial skincare market. The serum's oil phase was carefully designed to maximize the beneficial properties of L22 while incorporating the proven long-term skin hydration technology of Floraesters® K-20W Jojoba with glycerin (ref. CS09-014¹).

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water	Water	-----	q.s.
	Versene® Na2 Crystals Chelating Agent	Disodium EDTA	The Dow Chemical Co.	0.10
	Veegum® HV	Magnesium Aluminum Silicate	Vanderbilt Minerals, LLC	1.50
	Keltrol® CG-SFT	Xanthan Gum	CP Kelco	0.50
	Glycerine 99.7% USP Kosher	Glycerin	Acme-Hardesty Co	2.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floritech	1.50
B.	L22	Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol	Floritech	18.00
	Tego® Care LTP	Sorbitan Laurate (and) Polyglyceryl-4 Laurate (and) Dilauryl Citrate	Evonik Industries AG	2.00
	Lexemul® 515	Glyceryl Stearate	Inolex	0.50
C.	Preservative ²	-----	-----	q.s.
	Sodium Hyaluronate Powder (1% Solution)	Sodium Hyaluronate (and) Water	Tri-K Industries Inc.	0.40
	Adipoless	Butylene Glycol (and) Chenopodium Quinoa Seed Extract	Seppic	1.50
Total				100.00

Mixing Procedure

1. Add the Versene Na2 Crystals Chelating Agent and the Keltrol CG-SFT into the deionized water of Phase A with moderate propeller agitation at room temperature.
2. Heat to 55-60°C and add the Veegum HV. Mix with moderate propeller agitation to completely hydrate the Keltrol CG-SFT and the Veegum HV.
3. Continue heating to 70°C, then shift to homomixing to activate the Veegum HV.
4. In a separate vessel, combine the Floraesters K-20W Jojoba and the Glycerine 99.7% USP Kosher. Add to the mixed ingredients of Phase A.
5. In the separate vessel, mix ingredients of Phase B at 70°C.
6. Add Phase B into Phase A with rapid propeller agitation to make an emulsion.
7. Start cooling and add Phase C at 35-40°C.

¹ Floritech Claim Sheet CS09-014: Increased Skin Hydration with K-20W Jojoba Plus Glycerin

² Preservative: Phenonip® [INCI: Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (and) Isobutylparaben] supplied by Clariant Corporation

Typical Properties: pH: 7 - 8
Viscosity: 1500 - 3000cP

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 provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety 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. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)