



Facial Lotion with Long-Lasting Protection

Product highlighted: *Floraesters® K-20W Jojoba*

This UVB-sunscreen-containing facial lotion includes Floraesters K-20W Jojoba which helps the product last longer and provides skin protection throughout the day. For a lighter skin feel, while maintaining substantivity, the formulator may reduce the level of Floraesters K-20W Jojoba to 5%.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Pristerene® 4911	Stearic Acid	Croda, Inc.	3.00
	Lanette® 16	Cetyl Alcohol	Cognis Corporation	1.80
	Amphisol®	DEA-Cetyl Phosphate	DSM Nutritional Products	2.50
	Eusolex® 2292	Ethylhexyl Methoxycinnamate (and) BHT	EMD Chemicals	7.00
	SF1202	Cyclopentasiloxane	Momentive Performance Materials	5.00
B.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	10.00
	Deionized Water	Water	-----	q.s.
	Glycerin, USP	Glycerin	The Dow Chemical Co.	4.00
	Keltrol® CG-T	Xanthan Gum	CP Kelco	0.25
C.	Preservative	-----	-----	q.s.
TOTAL				100.00

Mixing Procedure

1. Mix ingredients of Phase A together with propeller agitation at 75-80°C.
2. Mix the Floraesters K-20W Jojoba into the deionized water at 80°C and stir until completely mixed. When the Floraesters K-20W Jojoba is fully dispersed, mix in the Glycerin, USP. Stir in the Keltrol CG-T very slowly, allowing time to hydrate. Continue mixing with propeller agitation at 80°C.
3. Add Phase A to Phase B with high speed propeller agitation.
4. Add Phase C at 40°C. Cool to room temperature with moderate propeller agitation.

Typical Properties: pH: 6.6 - 7.3
Viscosity: ≥ 120,900 cP

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).