



Long-Wearing Creamy Foundation

Products highlighted: *Floraesters® IPJ and Floraesters K-20W Jojoba*

The jojoba-derived Floraesters IPJ in this cream makeup formula improves the skin feel, improves application properties, and increases playtime. Floraesters IPJ is an excellent pigment-wetting agent, improving pigment dispersion in this formula. Floraesters K-20W Jojoba imparts long-wearing and smudge-resistant qualities to the product.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	Aqualon® Cellulose Gum (CMC) 7MF	Cellulose Gum	Hercules, Inc.	0.30
	Veegum® Granules	Magnesium Aluminum Silicate	R.T. Vanderbilt	0.80
	Propylene Glycol, USP	Propylene Glycol	The Dow Chemical Co.	5.00
B.	Supra® H, USP	Talc	Luzenac America	3.00
	Titanium Dioxide (Oil Dispersed)	Titanium Dioxide	Emerald Hilton Davis	11.00
	Unipure® Yellow LC 182	Iron Oxide	LCW/Sensient	1.14
	Unipure® Red LC 381	Iron Oxide	LCW/Sensient	0.44
	Pur Oxy Black B.C. 34-PC-3190E	Iron Oxide	Emerald Hilton Davis	0.24
C.	Mackanate® OD-35	Disodium Oleamido PEG-2 Sulfosuccinate	Rhodia Novacare	0.13
D.	Floraesters IPJ	Isopropyl Jojobate (and) Jojoba Alcohol (and) Jojoba Esters (and) Tocopherol	Floratech	11.00
	Vitamin E Acetate	Tocopheryl Acetate	Essential Ingredients	0.20
	Lanette® 16	Cetyl Alcohol	Cognis Corporation	0.50
	Pristerene® 4911	Stearic Acid	Croda, Inc.	2.40
	Lexemul® 561	Glyceryl Stearate (and) PEG-100 Stearate	Inolex Chemicals	0.60
	SF 96®-350	Dimethicone	Momentive Performance Materials	0.20
	Botanisol® CP-33	Cyclopentasiloxane	Botanigenics, Inc.	3.00
E.	Propylene Glycol, USP	Propylene Glycol	The Dow Chemical Co.	5.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	10.00
F.	Preservative	-----	-----	q.s.
TOTAL				100.00

Mixing Procedure

1. Disperse Aqualon Cellulose Gum (CMC) 7MF in deionized water. Then add Veegum Granules to deionized water. Heat to 75°C, then add Propylene Glycol, USP and mix until completely hydrated.
2. Add Phase B ingredients to Phase A at 75°C with high-speed homomixing. Mix for at least 30 minutes to ensure uniform pigment dispersion.
3. Add Phase C to Phase AB with moderate homomixing. Mix until homogenous and hold at 80°C.
4. Combine Phase D ingredients and heat to 80°C with propeller agitation. With Phase ABC and Phase D at 80°C, add Phase D slowly to Phase ABC with moderate propeller agitation. Mix until uniform and chill with propeller agitation to 50°C.
5. Dissolve Floraesters K-20W Jojoba of Phase E into Propylene Glycol, USP until uniform. Add to Phase ABCD at 75°C with propeller agitation.
6. Add Phase F to Phase ABCDE at 50°C and cool to room temperature with moderate propeller agitation.

Typical Properties: pH: 6.8- 7.6
Viscosity: 119 - 121 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).