

LONG-WEARING CREAMY FOUNDATION

with Floraesters K-20W[®] Jojoba and Florasun[®] 90



This formula, containing jojoba derived ingredients, produces a long-wearing, high-coverage, BB-type cream. **Floraesters IPJ** improves the skin feel and application properties while increasing the spread. **Floraesters IPJ** also acts as a pigment-wetting agent by improving the dispersion of pigments in this formula. **Floraesters K-20W Jojoba** imparts long-wearing and smudge-resistant qualities.

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	Aqualon [®] CMC-7MF	Cellulose Gum	Ashland	0.30
	Veegum [®] R	Magnesium Aluminum Silicate	Vanderbilt Minerals, LLC	0.80
	Propylene Glycol USP/EP	Propylene Glycol	Ashland	5.00
B	Supra [®] H USP	Talc	Luzenac America, Inc.	3.00
	Titanium Dioxide (U.S.P.,C.T.F.A, Food Grade) (34PC0748)	Titanium Dioxide	DyStar	11.00
	Unipure [®] Yellow LC 182	Iron Oxides	Sensient Cosmetic Technologies	1.14
	Unipure [®] Red LC 381	Iron Oxides	Sensient Cosmetic Technologies	0.44
	Pur Oxy Black BC (34PC3190E)	Iron Oxides	DyStar	0.24
C	Mackanate [®] OD-35	Disodium Oleamido PEG-2 Sulfosuccinate	Solvay	0.13
D	Floraesters IPJ	Isopropyl Jojobate (and) Jojoba Alcohol (and) Jojoba Esters	Cargill Beauty	11.00
	Vitamin E Acetate	Tocopheryl Acetate	Essential Ingredients	0.20
	Lanette [®] 16	Cetyl Alcohol	BASF Corporation	0.50
	Triple Pressed Stearic Acid	Stearic Acid	Essential Ingredients	2.40
	Lexemul [®] 561	Glyceryl Stearate (and) PEG-100 Stearate	Inolex	0.60
	SF96 350	Dimethicone	Momentive Performance Materials	0.20
	Botanisol [®] CP-33	Cyclopentasiloxane	Botanigenics	3.00
E	Propylene Glycol USP/EP	Propylene Glycol	Ashland	5.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Cargill Beauty	10.00
F	Preservative ¹	-----	-----	q.s.

¹ Preservative: Germaben[®] II-E [INCI: Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben] supplied by International Specialty Products

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PROCESS

1. Disperse the Aqualon CMC-7MF in the deionized water. Add the Veegum Granules to the Propylene Glycol USP/EP and add to the mixture. Heat to 75°C and keep mixing until completely hydrated.
2. Add Phase B ingredients to Phase A at 75°C with rapid homomixing. Mix for at least 30 minutes to ensure uniform pigment dispersion.
3. Add Phase C to Phase AB with moderate homomixing. Mix until homogeneous and hold at 80°C.
4. Combine Phase D ingredients and heat to 80°C with moderate 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 moderate propeller agitation to 50°C.
5. Dissolve the Floraesters K-20W Jojoba of Phase E into the Propylene Glycol USP/EP until uniform. Add to Phase ABCD at 75°C with moderate propeller agitation.
6. Add Phase F to Phase ABCDE at 50°C and cool to room temperature with moderate propeller agitation.

CHARACTERISTICS

- pH: 6 - 8
- Viscosity: $\geq 120,900\text{cP}$

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PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

Formula Number: M022, Revision Date: January 2023

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