



a **Cargill** company

24-Hour Tinted Moisturizer

Products Highlighted: *Floraesters® 20, Floraesters K-20W® Jojoba, Floraesters 30, and Floralipids® Moringa Oil Refined*



This 24-Hour Tinted Moisturizer continuously hydrates the skin with lush moringa emolliency and rich jojoba moisturization. Floraesters K-20W Jojoba serves a dual purpose by providing jojoba emolliency while neutralizing the polymer system in this formula.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water	Water	-----	q.s.
	Carbopol® Ultrez 10 Polymer	Carbomer	The Lubrizol Corporation	0.24
	Glycerin 99.7% USP Kosher	Glycerin	Acme-Hardesty Co.	3.33
	Preservative	-----	-----	q.s.
B.	Brij® S10	Steareth-10	Croda International	1.43
	Crodafos® CES	Cetearyl Alcohol (and) Dicetyl Phosphate (and) Ceteth-10 Phosphate	Croda International	3.33
	Floralipids Moringa Oil Refined	Moringa Oleifera (Seed) Oil	Florotech	4.76
	Floraesters 30	Jojoba Esters	Florotech	4.29
	Floraesters 20	Jojoba Esters	Florotech	1.43
	Arlacel® 60	Sorbitan Stearate	Croda International	0.38
C.	Preservative ¹	-----	-----	q.s.
D.	Deionized Water	Water	-----	q.s.
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Florotech	3.81
E.	Unipure® Red LC 381	Iron Oxides	Sensient Cosmetic Technologies	0.283
	Unipure® Yellow LC 182	Iron Oxides	Sensient Cosmetic Technologies	0.707
	Pur Oxy Black BC (34PC3190E)	Iron Oxides	DyStar	0.18
	Supra® H USP	Talc	Luzenac America, Inc.	4.29
	Titanium Dioxide (U.S.P.,C.T.F.A, Food Grade) (34PC0748)	Titanium Dioxide	DyStar	4.76
F.	Deionized Water	Water	-----	3.81
	Florasolvs® PEG-150 Hydrogenated Jojoba	Jojoba Oil PEG-150 Esters	The HallStar Company	0.95
Total				100.00

Mixing Procedure

1. Add the Carbopol Ultrez 10 Polymer into the deionized water at room temperature. Allow the Carbopol Ultrez 10 Polymer to hydrate. Heat the solution to 70°C with moderate propeller agitation.
2. Disperse the preservative in the Glycerin 99.7% USP Kosher and heat the mixture to 70°C. Add this to Phase A with moderate propeller agitation.
3. Mix all components of Phase B together and heat to 70°C. With rapid propeller agitation, add Phase B to Phase A to form the emulsion.
4. Add Phase C to Phase AB with moderate propeller agitation. Move the mixture to the homogenizer and agitate until a smooth cream is formed.
5. Dissolve the Floraesters K-20W Jojoba in the deionized water of Phase D. Add to the mixture while using the homogenizer to blend the formula.
6. Add all ingredients of Phase E to the mixture using the homogenizer to disperse and blend each one completely into the mix.
7. Dissolve the Florasolvs PEG-150 Hydrogenated Jojoba in the deionized water of Phase F at 70°C. Add this solution to the mixture while using the homogenizer to blend the formula. Cool the mixture to room temperature.

¹ Preservative: Sodium Benzoate NF-FCC Dense [INCI: Sodium Benzoate] supplied by American International Chemical

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)