



# 24-Hour Tinted Moisturizer

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



This tinted cream is an extended moisturizer that continuously moisturizes the skin with the latest in moringa emolliency and jojoba moisturization technology. 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	Carbomer	The Lubrizol Corporation	0.24
	Glycerin, USP	Glycerin	The Dow Chemical Co.	3.33
	Preservative	-----	-----	q.s.
B.	Brij® S10	Steareth-10	Croda, Inc.	1.43
	Crodafos CES	Cetearyl Alcohol (and) Dicetyl Phosphate (and) Ceteth-10 Phosphate	Croda, Inc.	3.33
	<b>Floralipids Moringa Oil Refined</b>	<b>Moringa Oleifera (Seed) Oil</b>	<b>Florotech</b>	<b>4.76</b>
	<b>Floraesters 30</b>	<b>Jojoba Esters</b>	<b>Florotech</b>	<b>4.29</b>
	<b>Floraesters 20</b>	<b>Jojoba Esters</b>	<b>Florotech</b>	<b>1.43</b>
	Arlacel 60	Sorbitan Stearate	Croda, Inc.	0.38
C.	Preservative <sup>1</sup>	-----	-----	q.s.
D.	Deionized Water	Water	-----	q.s.
	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Florotech</b>	<b>3.81</b>
E.	Unipure LC® Red 381	Iron Oxides	Sensient Cosmetic Technologies	0.283
	Unipure LC® Yellow 182	Iron Oxides	Sensient Cosmetic Technologies	0.707
	Pur Oxy Black BC (34PC3190E)	Iron Oxides	Emerald Performance Materials	0.18
	Supra® H USP	Talc	Luzenac America, Inc.	4.29
	Titanium Dioxide (US, CTFA, Food Grade) 34PC0748	Titanium Dioxide	Emerald Performance Materials	4.76
F.	Deionized Water	Water	-----	3.81
	Florasolvs® PEG-150 Hydrogenated Jojoba	Jojoba Oil PEG-150 Esters	The HallStar Company	0.95
<b>Total</b>				<b>100.00</b>

## Mixing Procedure

- Place the Carbopol Ultrez 10 into the deionized water at room temperature. Allow for the Carbopol Ultrez 10 to hydrate. Heat the solution to 70°C with moderate propeller agitation.
- Disperse the preservative in the Glycerin, USP and heat the mixture to 70°C. Add this to Phase A with moderate propeller agitation.
- 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.
- Add Phase C to Phase AB with moderate propeller agitation. Move the mixture to the homogenizer and agitate until a smooth cream is formed.
- 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.
- Add all ingredients of Phase E to the mixture using the homogenizer to disperse and blend each one completely into the mix.
- 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.

<sup>1</sup> 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 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)