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## Tinted Moringa 24 Hour Moisturizer

*Products highlighted: Floraesters® 20, Floraesters K-20W Jojoba, Floraesters 30, Florasolvs® PEG-150 Hydrogenated Jojoba, Floralipids® Moringa Oil*

This tinted cream is an extended moisturizer that continuously moisturizes the skin with the latest in moringa emolliency and jojoba moisturization technology. Data is available to support claims that Floraesters 20 and Floraesters 30 reduce the appearance of fine lines and wrinkles. Floraesters K-20W Jojoba is used both for jojoba emolliency and as the neutralizer for the polymer system in this formula.

Phase	Trade Name	INCI Name	Supplier	%wt./wt
A.	Deionized Water	Water		57.52
	Carbopol Ultrez 10	Carbomer	Lubrizol	0.24
	Glycerin USP	Glycerin	Acme-Hardesty	3.33
	Preservative	-----		Q.S.
B.	Volpo S-10	Stearth-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 (and) Tocopherol</b>	<b>Floratech</b>	<b>4.76</b>
	<b>Floraesters 30</b>	<b>Jojoba Esters (and) Tocopherol</b>	<b>Floratech</b>	<b>4.29</b>
	<b>Floraesters 20</b>	<b>Jojoba Esters (and) Tocopherol</b>	<b>Floratech</b>	<b>1.43</b>
	Arlacel 60	Sorbitan Stearate	Uniqema	0.38
C.	Sodium Benzoate NF	Sodium Benzoate	American Int'l Chem.	0.095
D.	Deionized Water	Water		Q.S.
	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>3.81</b>
E.	Unipure Red	Iron Oxides	Sensient Food Colors	0.283
	Unipure Yellow	Iron Oxides	Sensient Food Colors	0.707
	Pur Oxy Black B.C. 34-3068	Iron Oxides	Lubrizol	0.180
	Supra H	Talc	Luzenac America	4.29
	Kemira Titanium Dioxide	Titanium Dioxide	Kemira Specialty	4.76
F.	Deionized Water	Water		3.81
	<b>Florasolvs PEG-150 Hydrogenated Jojoba</b>	<b>Jojoba Oil PEG-150 Esters</b>	<b>Floratech</b>	<b>0.95</b>

### Mixing Procedure:

**TOTAL 100.0**

- Sift the Ultrez 10 polymer into the water with stirring at room temperature. Allow 20 minutes mix time for the polymer to hydrate. Then heat the solution to 70°C with mixing.
- Disperse the preservative in the Glycerin and heat the mixture to 70°C. Add this pre-mix to Phase A with mixing.
- Add all components of Phase B together and heat to 70°C with stirring. With fast propeller mixing add Phase B to Phase A to form the emulsion.
- Add the Sodium Benzoate of Phase C. to Phase AB with stirring. Then move the mixture to the homogenizer and agitate until a smooth cream is formed.
- Dissolve the Floraesters K-20W in the water of Phase D. Add to the mixture while using the homogenizer to blend the formula.
- Add each of the individual pigments to the mixture using the homogenizer to disperse and blend each one completely into the mix.
- Dissolve the PEG-150 Hydrogenated Jojoba in the water of Phase E at 70°C. Add this solution to the mixture while using the homogenizer to blend the formula. Cool the mixture to room temperature and put into tubes or jars.

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of their accuracy is made and the products discussed 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.

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