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Tan Accelerator After Sun Lotion

Products highlighted: Floraesters® 20, Floraesters 30, Floraesters K-100 Jojoba, Florasolvs® PEG-150 Hydrogenated Jojoba and Floramac® Macadamia Oil

This lotion provides long lasting moisturization for sun exposed skin. Macadamia and Jojoba emolliency work together to refat and moisturize dry, sun baked skin. In addition, the active ingredient MelanoBronze stimulates natural melanin formation which enhances tanning.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water		Q.S.
	Carbopol 940 Polymer	Carbomer	Lubrizol	0.40
	Disodium EDTA	Disodium EDTA	Dow	0.05
	MelanoBronze	Vitex Agnus Castus Extract (and) Acetyl Tyrosine (and) Glycerin (and) Alcohol (and) Water	Mibelle	5.00
	Transcutol	Ethoxydiglycol	Gattefosse	3.00
B.	Lanette Wax O	Cetearyl Alcohol	Cognis	2.00
	Floraesters 20	Jojoba Esters (and) Tocopherol	Floratech	2.50
	Floraesters 30	Jojoba Esters (and) Tocopherol	Floratech	2.50
	Floraesters K-100 Jojoba	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Floratech	4.50
	Florasolvs PEG-150 Hydrogenated Jojoba	Jojoba Oil PEG-150 Esters	Floratech	0.50
	Glycerin USP	Glycerin	Acme Hardesty	2.00
Floramac Macadamia Oil	Macadamia Integrifolia Seed Oil (and) Tocopherol	Floratech	4.00	
C.	Preservative	-----		Q.S.
			TOTAL:	100.0

Mixing Procedure:

1. With water at room temperature sift in the Carbopol 940 with moderate propeller agitation. Allow time for complete hydration. Raise water temperature to 45°C. Sift in the Disodium EDTA and pour in the MelanoBronze and Transcutol with moderate propeller agitation.
2. Mix all components of Phase B together and melt at 50°C with stirring. Slowly add Phase B to Phase A with rapid propeller agitation. Use homomixer agitation to completely disperse all of the ingredients and form a fine droplet emulsion.
3. Cool mixture to 40°C while mixing. Add preservative to Phase AB while mixing. Cool to room temperature with slow propeller agitation.

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.