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Skin Softening Lotion

Products highlighted: Floraesters[®] 20, Floraesters 30, Floramac[®] Macadamia Oil, Florasolvs[®] PEG-120 Jojoba.

This lotion spreads easily and absorbs quickly into the skin, leaving it smooth, soft, and supple. Appropriate modifications to this O/W emulsion formula would yield excellent facial moisturizers, pre- or after-sun care products, hand and body lotions, eye care lotions, etc.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Floraesters 20	Jjoba Esters	Floritech	2.50
	Floramac Macadamia Oil	Macadamia Integrifolia Seed Oil	Floritech	2.00
	Floraesters 30	Jjoba Esters	Floritech	5.00
	Lexemul 561	Glyceryl Stearate (and) PEG-100 Stearate	Inolex	3.00
	Lanette 16	Cetyl Alcohol	Cognis	1.00
	Cosmowax P	Cetearyl Alcohol (and) Cetareth-20	Croda	0.50
	SF 96 - 200 Silicone Fluid	Dimethicone	GE Silicone	0.20
	Preservative	-----		Q.S.
B.	Deionized Water	Water		Q.S.
	Florasolvs PEG-120 Jojoba	Jjoba Wax PEG-120 Esters	Floritech	4.00
C.	Propylene Glycol	Propylene Glycol	Ashland	5.00
	Kelgin MV	Algin	CP Kelco	0.20
	Preservative	-----		Q.S.
D.	Fragrance	Fragrance		Q.S.
TOTAL:				100.00

Mixing Procedure:

1. Heat Phase A to 75°C with agitation
2. Heat water of Phase B to 75°C with agitation. Add PEG-120 Jojoba.
3. Pre-mix Phase C with moderate agitation and add slowly to Phase B with moderate high-speed agitation. Mix for 15 minutes.
4. Add Phase A slowly to Phase BC with propeller agitation.
5. Force cool to 40°C with agitation. Add fragrance (if desired) and mix with propeller agitation to room temperature.

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.