



Long-Lasting Moisturizing Body Lotion

Products highlighted: Florasun[®] 90, Floraesters[®] 30, Floraesters 60, and Floraesters K-20W Jojoba

The Floraesters K-20W Jojoba and glycerin combination provides a long-lasting moisturizing effect while Floraesters 30 and Floraesters 60 further increase moisturization by improving the skin barrier function. Florasun 90 supplies an elegant skin feel. The combination of ingredients leaves the skin soft and smooth in addition to healthy looking and feeling.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	Glycerin, USP	Glycerin	The Dow Chemical Co.	2.00
	Carbowax [®] Sentry [®] Polyethylene Glycol 400 NF, FCC	PEG-8	The Dow Chemical Co.	2.00
	SF 96 [®] -200	Dimethicone	Momentive Performance Materials	4.00
B.	Florasun 90	Helianthus Annuus (Sunflower) Seed Oil (and) Tocopherol	Floratech	4.00
	Floraesters 30	Jojoba Esters (and) Tocopherol	Floratech	4.00
	Floraesters 60	Jojoba Esters (and) Tocopherol	Floratech	2.50
	Lanette [®] 16	Cetyl Alcohol	Cognis Corporation	2.00
	Pristerene [®] 4911	Steric Acid	Croda, Inc.	3.00
	Lexemul [®] 561	Glyceryl Stearate and PEG-100 Stearate	Inolex Chemicals	2.00
Cocoa Butter	Theobroma Cacao (cocoa) Seed Butter	Lambent Technologies	1.00	
C.	Deionized Water	Water	-----	24.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Agua)	Floratech	4.50
D.	Preservative	-----	-----	q.s.
	Fragrance (optional)	Fragrance	-----	q.s.
TOTAL				100.00

Mixing Procedure

1. Heat deionized water of Phase A to 70-75°C. Add all other ingredients of Phase A to deionized water and mix with moderate propeller agitation.
2. Combine ingredients of Phase B; mix and heat to 80°C. Add Phase B to Phase A. Mix until uniform.
3. Mix and heat Phase C to 65°C. Add Phase C to Phase AB. Reduce heat to 40°C.
4. Add Phase D to Phase ABC. Continue to mix then reduce heat to room temperature.

Typical Properties: pH: 6.4 - 6.5
Viscosity: ≥ 121,100 cP

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 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 or in the treatment, prevention, or cure of any medical condition. (Cleared for Public Disclosure).