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PEG-Free Body Wash Featuring Floraesters K-20W Jojoba

Products highlighted: Floraesters® K-20W Jojoba and Florabeads® Jojoba

Floraesters K-20W Jojoba plays a dual roll in this unique body wash. First it is used as a naturally derived neutralizer for the polymer system in this formula. Second, it imparts an unmistakable skin feel after use that is substantive, moisturizing and smooth to the touch. The Florabeads create a visual effect, and add an exfoliating experience to the body wash.

Phase	Trade Name	INCI Name	Supplier	% wt./wt.
A.	Deionized Water	Water		Q.S.
	Quatrisoft Polymer LM-200	Polyquaternium-24	Amerchol	0.1
	Tauranol I-78	Sodium Cocoyl Isethionate	Innospec	4.7
	Standapol ES-2	Sodium Laureth Sulfate	Cognis	20.2
	Carbopol Aqua SF-1 Polymer	Acrylates Copolymer	Lubrizol	7.0
	Planteren 2000 N	Decyl Glucoside	Cognis	15.1
	Lexaine C	Cocamidopropyl Betaine	Inolex	10.2
B.	Deionized Water	Water		Q.S.
	Glycerin USP	Glycerin	Acme-Hardesty	0.5
	Sulfochem AEG	Ammonium Lauryl Sulfate (and) ALES (and) CAPB (and) Cocamide DEA (and) Lauramide DEA	Chemron	4.0
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	5.3
C.	Kathon CG	Methylchloroisothiazolinone (and) Methylisothiazolinone	Rohm & Haas	Q.S.
	Fragrance (optional)	Fragrance	-----	Q.S.
D.	Florabeads Jojoba 28/60	Jojoba Esters	Floratech	1.7
			TOTAL:	100.00

Mixing Procedure:

1. Blend ingredients of Phase A to uniformity using moderate to fast propeller agitation, while heating to 70°C. Add the Aqua SF-1 slowly to the mixing vessel to insure proper mixing
2. Pre-mix all components of Phase B at room temperature. Add Phase B slowly (to insure proper neutralization of the polymer) to Phase A at 70°C and blend to until uniform.
3. Cool mix to 50°C and add ingredients of Phase C with medium mixing speed. Cool to room temperature and add the Florabeads of Phase D with slow, sweep mixing.

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.