

PEG-FREE BODY WASH FEATURING FLORAESTERS K-20W JOJOBA

with Floraesters K-20W[®] Jojoba and Florabeads[®] Jojoba



Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	Quatrisoft [®] Polymer LM-200	Polyquaternium-24	The Dow Chemical Co.	0.10
	Tauranol [®] I-78	Sodium Cocoyl Isethionate	Innospec Performance Chemicals	4.70
	Standapol [®] ES-2	Sodium Laureth Sulfate	BASF Corporation	20.20
	Carbopol [®] Aqua SF-1 Polymer	Acrylates Copolymer	The Lubrizol Corporation	7.00
	Plantaren [®] 2000 N UP	Decyl Glucoside	BASF Corporation	15.10
	Lexaine [®] C	Cocamidopropyl Betaine	Inolex	10.20
	B	Deionized Water	Water	-----
Glycerine 99.7% USP Kosher		Glycerin	Acme-Hardesty Co.	0.50
Sulfochem [®] AEG Surfactant Blend		Ammonium Lauryl Sulfate (and) Ammonium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Cocamide DEA (and) Lauramide DEA	The Lubrizol Corporation	4.00
Floraesters K-20W Jojoba		Hydrolyzed Jojoba Esters (and) Water (Aqua)	Cargill Beauty	5.30
C	Preservative ¹	-----	-----	q.s.
	Fragrance	-----	-----	q.s.
D	Florabeads Jojoba 28/60 Jade²	Jojoba Esters	Cargill Beauty	1.70

¹ Preservative: Kathon[®] CG [INCI: Methylchloroisothiazolinone (and) Methylisothiazolinone] supplied by The Dow Chemical Co.

² Any color or combination of colors may be used.

PROCESS

1. Mix all ingredients of Phase A with moderate to rapid propeller agitation while heating to 70°C. Add the Carbopol Aqua SF-1 Polymer slowly to the mixing vessel to ensure proper mixing.
2. Mix all components of Phase B at room temperature. Slowly add Phase B (to ensure proper neutralization of the polymer) to Phase A at 70°C and mix until uniform.
3. Begin cooling to 50°C. Add ingredients of Phase C with moderate propeller agitation at 45-50°C. Cool to room temperature and add the Florabeads Jojoba 28/60 Jade of Phase D with slow, sweep agitation.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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