BODY WASH - RELAX

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



The combination of neutralized fatty acids and **Floraesters K-20W Jojoba** in this body wash creates a dense, smooth foam which leaves the skin feeling moisturized, luxurious, and clean. The versatile **Florapearls Jojoba** and **Florabeads Jojoba** provide gentle exfoliation and are offered in an array of color options.

Formula Number: C019, Revision Date: January 2023

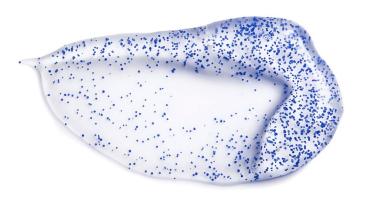
Phase	Trade Name	INCI	Supplier	%WT
A	Propylene Glycol USP/EP	Propylene Glycol	Ashland	10.00
	NAA®-122	Lauric Acid	NOF America Corporation	7.00
	NAA®-142	Myristic Acid	NOF America Corporation	3.00
	NAA®-160	Palmitic Acid	NOF America Corporation	1.00
	Oleic Acid P	Oleic Acid	NOF America Corporation	1.00
	Deionized Water	Water		10.00
В	Potassium Hydroxide (85%)	Potassium Hydroxide	Tokyo Chemical Industry, Co.	3.50
	Deionized Water	Water		4.00
	Deionized Water	Water		1.00
С	Tohol N-220XM	PPG-2 Hydroxyethyl Cocamide	Toho Chemical Industry Co., Ltd.	5.00
	Alscop NS-230	Sodium Laureth Sulfate	Toho Chemical Industry Co., Ltd.	4.00
	Obazolin CAB-30	Sodium Laureth Sulfate	Toho Chemical Industry Co., Ltd.	6.00
	Emanon® 3201-M	Cocamido Propyl Betaine	Kao Corporation	1.00
D	Deionized Water	Water		15.00
	Chelest 2D-SD	Tetrasodium EDTA	Chubu Chelest	0.10
	Carbopol® Aqua SF-1 Polymer	Acrylates Copolymer	The Lubrizol Corporation	13.00
E	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Cargill Beauty	3.00
	Deionized Water	Water		3.00
	Potassium Hydroxide (85%)	Potassium Hydroxide	Tokyo Chemical Industry, Co.	0.80
	Deionized Water	Water		2.00
	Deionized Water	Water		0.90
F	Fragrance ¹			q.s.
	Deionized Water	Water		q.s.
G	Florabeads Jojoba 28/60 White	Jojoba Esters	Cargill Beauty	2.00
	(Natural) ¹			
	Florapearls Jojoba STD Tequila	Jojoba Esters	Cargill Beauty	1.00
	Sunrise ¹			
	Florapearls Jojoba STD Desert Rose ¹	Jojoba Esters	Cargill Beauty	1.00
	Florapearls Jojoba STD White	Jojoba Esters	Cargill Beauty	1.00
	(Natural) ¹			

¹ Any color or combination of colors may be used.



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PROCESS

- 1. Heat the Propylene Glycol, USP/EP to 65-70°C with stirring. Add remaining ingredients of Phase A in the order listed with stirring until fully dissolved.
- 2. Dissolve the Potassium Hydroxide (85%) in the first deionized water listed in Phase B. Slowly add this solution to Phase A at 70-75°C with stirring to neutralize the fatty acids. Rinse the container with deionized water listed in Phase B. Add the ingredients of Phase C in the order listed to Phase AB at 60-65°C.
- 3. Create a pre-mix of Phase D by adding the ingredients in the order listed. Slowly add Phase D to Phase ABC. Allow mixing time for the polymer to disperse completely in solution.
- 4. Mix the Floraesters K-20W Jojoba in the first deionized water listed in Phase E. Add this pre-mix slowly to Phase ABCD at a mix temperature of 60-65°C. Pre-mix the Potassium Hydroxide (85%) in the second deionized water listed in Phase E. Use this pre-mix to finish neutralizing the Carbopol Aqua SF-1 Polymer by adding it very slowly to Phase ABCD. Use the final deionized water listed in Phase E to rinse the neutralization containers into Phase ABCD.
- 5. Add the fragrance of Phase F to Phase ABCDE at a mix temperature of 60-65°C. Use the deionized water listed in Phase F to bring the batch weight up to the 100% theoretical weight amount at this point in the procedure.
- 6. Cool the batch to room temperature. Determine the pH and viscosity of the batch before adding Phase G. Add Phase G to the mixture with hand sweep agitation to complete the formula.

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