

# BODY WASH - RELAX

with Floraesters K-20W<sup>®</sup> Jojoba,  
Florabeads<sup>®</sup> Jojoba, and Florapearls<sup>®</sup>  
Jojoba STD



Phase	Trade Name	INCI	Supplier	%WT
A	Propylene Glycol USP/EP	Propylene Glycol	Ashland	10.00
	NAA <sup>®</sup> -122	Lauric Acid	NOF America Corporation	7.00
	NAA <sup>®</sup> -142	Myristic Acid	NOF America Corporation	3.00
	NAA <sup>®</sup> -160	Palmitic Acid	NOF America Corporation	1.00
	Oleic Acid P	Oleic Acid	NOF America Corporation	1.00
	Deionized Water	Water	-----	10.00
B	Potassium Hydroxide (85%)	Potassium Hydroxide	Tokyo Chemical Industry, Co.	3.50
	Deionized Water	Water	-----	4.00
	Deionized Water	Water	-----	1.00
C	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 <sup>®</sup> 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 <sup>®</sup> Aqua SF-1 Polymer	Acrylates Copolymer	The Lubrizol Corporation	13.00
E	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Cargill Beauty</b>	<b>3.00</b>
	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 <sup>1</sup>	-----	-----	q.s.
	Deionized Water	Water	-----	q.s.
G	<b>Florabeads Jojoba 28/60 White (Natural)<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>2.00</b>
	<b>Florapearls Jojoba STD Tequila Sunrise<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>1.00</b>
	<b>Florapearls Jojoba STD Desert Rose<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>1.00</b>
	<b>Florapearls Jojoba STD White (Natural)<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>1.00</b>

<sup>1</sup> Any color or combination of colors may be used.

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.

**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.

Formula Number: C019, Revision Date: January 2023

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Jojoba STD (page 2)



## 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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