

# SMOOTHING FOOT SCRUB

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



This smoothing foot scrub contains spherical **Florabeads Jojoba** which provide gentle exfoliation and residual jojoba emolliency while **Floraesters K-20W Jojoba** provides a moisture barrier to hydrate rough and dry skin.

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	Carbopol® Ultrez 20 Polymer	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	The Lubrizol Corporation	1.10
	Versene® Na2 Crystals Chelating Agent	Disodium EDTA	The Dow Chemical Co.	0.05
B	Butylene Glycol	Butylene Glycol	Making Cosmetics	2.00
	Propylene Glycol USP/EP	Propylene Glycol	Ashland	1.00
	Preservative	-----	-----	q.s.
C	Standapol® ES-2	Sodium Laureth Sulfate	BASF Corporation	25.00
	Tween® 20	Polysorbate 20	Croda International	1.50
	Lexaine® C	Cocamidopropyl Betaine	Inolex	2.00
D	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Cargill Beauty</b>	<b>8.00</b>
	Glycerox 767	PEG-6 Caprylic/Capric Castor Oil	Croda International	1.50
E	Fragrance	-----	-----	q.s.
	Tween® 20	Polysorbate 20	Croda International	1.00
	<b>Florabeads Jojoba 60/100 White (Natural)<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>4.00</b>
	Pumice	Pumice	Charles B. Chrystal Co., Inc	8.00

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

## PROCESS

1. Combine the Carbopol Ultrez 20 Polymer with the deionized water. Start mixing with moderate propeller agitation after hydrated. Heat to 50°C and add the Versene Na2 Crystals Chelating Agent with moderate propeller agitation.
2. Combine the ingredients of Phase B and warm to 45°C with moderate propeller agitation until the preservative has dissolved. Slowly add Phase B to Phase A. Cool Phase AB to 35°C.
3. Combine the ingredients of Phase C at room temperature with low propeller agitation. Slowly add Phase C to Phase AB with low to moderate propeller agitation. Mix until the mixture is uniform.
4. Neutralize Phase ABC by using the Floraesters K-20W Jojoba premixed with the Glycerox 767 of Phase D with low to moderate sweep agitation. Add the fragrance premixed with the Tween 20 in Phase E with low sweep agitation. Cool to room temperature. Add the remaining ingredients in Phase E with low 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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