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Exfoliating Clear Shower Gel

Products highlighted: Florasolvs® PEG-120 Jojoba, Florabeads® Jojoba

Smooth, spherical Florabeads Jojoba provide gentle exfoliation and a residual emolliency in this exfoliating clear cleansing gel. These natural, mild, scrubbing beads are complimented in this formula by the mild Mackanate DC-30. The beads are held in suspension by the crosspolymer.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water		Q.S.
	Versene Na2	Disodium EDTA	Dow	0.05
	Carbopol Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	1.00
B.	Propylene Glycol	Propylene Glycol	Ashland	1.00
	Glycerin USP	Glycerin	Acme-Hardesty	2.00
	Preservative	-----		Q.S.
C.	Standapol ES-2	Sodium Laureth Sulfate	Cognis	16.00
	Mackanate DC-30	Disodium Dimethicone Copolyol Sulfosuccinate	McIntyre	15.00
	Lexaine C	Cocamidopropyl Betaine	Inolex	3.00
D.	Florasolvs PEG-120 Jojoba	Jojoba Wax PEG-120 Esters	Floratech	1.00
E.	Triethanolamine 99% (pH=5.0-5.5)	Triethanolamine	Dow	1.10
F.	Fragrance	Fragrance		Q.S.
	Florabeads Jojoba 28/60¹	Jojoba Esters	Floratech	1.00
			TOTAL:	100.00

Mixing Procedure:

1. Add Disodium EDTA to water with moderate propeller agitation. When dissolved, slowly sift Acrylates/C10-30 Alkyl Acrylate Crosspolymer into the water with rapid propeller agitation. Stir for 20 minutes.
2. Combine Phase B ingredients. Slowly add Phase B to Phase A. Heat to 50°C.
3. Combine Phase C ingredients and heat to 50°C. Slowly add Phase C to Phase AB with slow to moderate propeller agitation. Stir slowly for 10 - 15 minutes.
4. Heat Phase D to 55°C and add melted Florasolvs PEG-120 to Phase ABC.
5. Neutralize Phase ABCD using triethanolamine of Phase E with slow to moderate sweep agitation.
6. Add fragrance and Florabeads of Phase F with slow sweep agitation. Cool to room temperature.

¹ Any color or combination of colors.

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.