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Mild Facial Cleansing Gel

Product highlighted: Florasolvs® PEG-120 Jojoba, Florasolvs PEG-10 Sunflower

This formula produces a mild cleansing gel with dense, light, white foam. It leaves skin feeling very soft, smooth, yet clean after use.

Phase	Trade Name	INCI Name	Supplier	% wt/wt
A.	Deionized Water	Water		Q.S.
	UCARE Polymer JR-125	Polyquaternium-10	Amerchol	0.20
	Versene 220 Crystals	Tetrasodium EDTA	Dow	0.10
	Ajidew N-50	Sodium PCA	Ajinomoto	0.50
B.	Sulfochem ES-2	Sodium Laureth Sulfate	Chemron	30.00
	Amisoft CS-11	Sodium Cocoyl Glutamate	Ajinomoto	2.50
	Lexaine C	Cocamidopropyl Betaine	Inolex	10.00
	Mackamide L-10	Lauramide DEA	McIntyre	4.50
C.	Florasolvs PEG-120 Jojoba	Jojoba Wax PEG-120 Esters	Floratech	0.50
	Florasolvs PEG-10 Sunflower	PEG-10 Sunflower Glycerides	Floratech	5.00
	Citric Acid, (20% solution)	Citric Acid (and) Water	DSM	0.20
	Sodium Chloride, (20% solution)	Sodium Chloride (and) Water	---	1.60
D.	Preservative	-----		Q.S.
	Fragrance	Fragrance		Q.S.
E.	Color (optional)	-----		Q.S.
			TOTAL:	100.00

Mixing Procedure:

1. Heat water to 80°C. Add polymer slowly with rapid propeller agitation. Stir for 20 minutes. Add Versene 220 Crystals; stir for 5 minutes. Add Ajidew; mix for 5-10 minutes until dispersed.
2. Add Phase B ingredients in order listed to Phase A. Keep temperature at 75-80°C. Mix until uniform.
3. Pre-heat Florasolvs PEG-120 Jojoba, and then add to Phase AB. Add Florasolvs PEG-10 Sunflower and mix until uniform. Add remaining Phase C ingredients to Phase AB; mix well and cool to 40°C.
4. Add Phase D ingredients; mix until uniform.
5. Add Phase E. Stir well to homogenize the color.

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.