

PEG-FREE SHAMPOO WITH FLORAESTERS K-20W JOJOBA

with Floraesters K-20W[®] Jojoba



This PEG-free shampoo featuring **Floraesters K-20W Jojoba** leaves hair feeling silky and rejuvenated while conditioning and adding shine.

Phase	Trade Name	INCI	Supplier	%WT
A	Standapol [®] ES-2	Sodium Laureth Sulfate	BASF Corporation	25.20
	Plantaren [®] 2000 N UP	Decyl Glucoside	BASF Corporation	15.10
	Lexaine [®] C	Cocamidopropyl Betaine	Inolex	10.20
	Sulfochem [®] AEG Surfactant Blend	Ammonium Lauryl Sulfate (and) ALES (and) CAPB (and) Cocamide DEA (and) Lauramide DEA	The Lubrizol Corporation	4.00
	Glycerin 99.7% USP Kosher	Glycerin	Acme-Hardesty Co.	0.50
B	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Cargill Beauty	5.30
C	Deionized Water	Water	-----	q.s.
	Quatrisoft [®] Polymer LM-200	Polyquaternium-24	The Dow Chemical Co.	0.10
	Tauranol [®] I-78	Sodium Cocoyl Isethionate	Innospec Performance Chemicals	4.70
D	Preservative	-----	-----	q.s.
	Fragrance	-----	-----	q.s.
	Color	Color	-----	q.s.

¹ Fragrance: Rain Shower Fragrance ORC1004370 [INCI: Fragrance] supplied by Orchidia Fragrances

² Preservative: sensiva[®] SC 50 [INCI: Ethylhexylglycerin] supplied by Schülke Inc.

PROCESS

1. Mix ingredients of Phase A with moderate propeller agitation while heating to 70°C. Keep mixing until uniform.
2. Add Phase B to Phase A and mix until uniform.
3. Heat deionized water of Phase C to 65-70°C and dissolve the Quatrisoft Polymer LM-200. Slowly add the Tauranol I-78 once the Quatrisoft Polymer LM-200 has completely dissolved.
4. Slowly add Phase C to Phase AB. Mix until uniform.
5. Cool to 50°C.
6. Add Phase D in the order listed to Phase ABC with moderate propeller agitation. Cool mixture to room temperature.



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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