



# Satin Shampoo

Product highlighted: Florasolvs® PEG-150 Hydrogenated Jojoba

This clear, conditioning shampoo adds sheen while the foam's creaminess and volume stand-out. Rinse-out is facilitated in part by the Florasolvs PEG-150 Hydrogenated Jojoba.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	UCARE® Polymer LR 400	Polyquaternium-10	Amerchol Corporation	0.40
	Versene® 220 Crystals	Tetrasodium EDTA	The Dow Chemical Co.	0.08
B.	Sulfochem® SLS	Sodium Lauryl Sulfate	Lubrizol Corporation*	10.00
	Standapol® ES-2	Sodium Laureth Sulfate	Lubrizol Corporation*	24.00
	Chembetaine® C	Cocamidopropyl Betaine	Lubrizol Corporation*	4.00
	Mackamide® L-10	Lauramide DEA	Rhodia Novacare	4.50
C.	<b>Florasolvs PEG-150 Hydrogenated Jojoba</b>	<b>Jojoba Oil PEG-150 Esters</b>	<b>Floratech</b>	<b>4.00</b>
	Merquat® 550	Polyquaternium-7	Nalco Company	0.50
	Preservative	-----	-----	q.s.
	Citric Acid (20% solution, pH=5.5)	Citric Acid (and) Water	DSM Nutritional Products	0.36
	Sodium Chloride (20% solution)	Sodium Chloride (and) Water	-----	1.50
D.	Fragrance	Fragrance	-----	q.s.
	Color <sup>1</sup> (optional)	-----	-----	q.s.
<b>TOTAL</b>				<b>100.00</b>

## Mixing Procedure

1. Heat deionized water to 80°C. Add UCARE Polymer LR 400 slowly with rapid propeller agitation. Mix until UCARE Polymer LR 400 is completely hydrated. Add the Versene 220 Crystals and mix until completely dissolved.
2. Add Phase B, in the order listed, to Phase A. Keep the temperature at 75-80°C. Mix until uniform.
3. Add Phase C, in the order listed, to Phase AB and mix until uniform. Cool to 40-45°C.
4. Add Phase D and mix until uniform. Cool to room temperature.

\* Supplied by Essential Ingredients

<sup>1</sup> To create pink color: 0.016% Red 22 (5% solution) and 0.06% Blue No. 2 (5% solution)

**Typical Properties:** pH: 5.0 - 6.9  
Viscosity: 2,000 - 12,300 cP

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products 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 or in the treatment, prevention, or cure of any medical condition. (Cleared for Public Disclosure).

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