



Pearlized Conditioning Shampoo with Floraesters K-20W Jojoba

Product highlighted: *Floraesters® K-20W Jojoba*

Floraesters K-20W Jojoba contributes to the moisturizing and conditioning properties of this white, pearlized shampoo. This high-foaming shampoo feels creamy and smooth, is easy to rinse out, and contains a fragrance specifically chosen for the Asian market.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	Versene® Na2 Crystals	Disodium EDTA	The Dow Chemical Co.	0.05
	Propylene Glycol, USP	Propylene Glycol	The Dow Chemical Co.	1.00
	Sodium Benzoate NF/FCC Powder	Sodium Benzoate	American Int'l Chemical	0.05
	UCARE® Polymer LR-400	Polyquaternium-10	Amerchol Corporation	0.20
B.	Amidex® CME	Cocamide MEA	Lubrizol Corporation*	2.00
	Citric Acid (30% solution)	Citric Acid (and) Water	DSM Nutritional Products	0.60
	Pluracare® L-64	Poloxamer 184	BASF Corporation	0.05
	Lipo EGDS	Glycol Distearate	Lipo Chemicals	2.00
	Chembetaine® C	Cocamidopropyl Betaine	Lubrizol Corporation*	10.00
	Sulfochem® ES-2	Sodium Laureth Sulfate	Lubrizol Corporation*	35.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	3.00
	Emeressence® 1160	Phenoxyethanol	Cognis Corporation	0.20
	Fragrance ¹	Fragrance	-----	q.s.
TOTAL			100.00	

Mixing Procedure

1. Add the Versene Na2 Crystals to deionized water with propeller agitation at room temperature and allow time to dissolve.
2. Add the Propylene Glycol, Sodium Benzoate NF/FCC Powder, and UCARE Polymer LR-400, in that order, with propeller agitation. Heat mixture to 70-75°C.
3. With propeller agitation at 70-75°C add the ingredients of Phase B to Phase A in the order listed. Continue to mix until the batch is uniformly white in color and homogenous.
4. Allow the batch to cool while stirring to room temperature. Measure final pH and viscosity at 25°C.

Note: No sodium chloride is added to modify the viscosity of this formula. Floraesters K-20W Jojoba has a strong effect on the final viscosity. If a lower viscosity is desired, a small amount of sodium chloride solution may be added after the batch is completed.

* Supplied by Essential Ingredients

¹ Fragrance reference # 03294 supplied by Innovation Corporation

Typical Properties: pH: 5.3 - 5.5
Viscosity: 14,000 - 23,500 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).