



Formulation

Name	COLD MIXING PEARLESCENT HAIR CONDITIONER	
No.	802	
Description	The combination of STEPANQUAT® ML, AMMONYX® CETAC, and Lauryl Alcohol provides a pearly appearance.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100 Carrier
	Natrosol 250 HHRB (Hercules) Hydroxyethylcellulose	0.75 Thickener
	=== Phase 2 ===	
	STEPANQUAT® ML	1.0 Conditioning Agent, Emulsifier
	AMMONYX® CETAC	3.33 Conditioning Agent, Emulsifier
	Lipocol L (Lipo) Lauryl Alcohol	2.5 Thickener
	=== Phase 3 ===	
	Sodium Hydroxide	q.s. pH Modifier
	Citric Acid	q.s. pH Modifier
	Preservative, Dye, Fragrance	q.s. Additives
	Total	100.0
Procedure	Prepare Phase 1 by dispersing Natrosol 250 HHRB into solution. Add Sodium Hydroxide to raise pH to 7.0-8.0. When solution is clear, adjust pH with Citric Acid to a pH of 4.0-5.0. Prepare Phase 2 and add it to Phase 1. Mix well. Add Phase 3. Mix well.	
Physical Properties	Appearance, at 25°C	Pearlescent
	pH, at 25°C	3.35 - 4.5
	Viscosity, at 25°C, cps	2000 - 3000
Storage/Stability	2 months at 25°C	Stable
	2 months at 42°C	Stable
	2 months at 50°C.	Stable
Instructions for Use	Apply as a normal conditioner.	
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For Additional Assistance	For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe). For ordering assistance, call our Account Service Department at 1-800-457-7673.	
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