



Formulation

Name	PREMIUM HAIR CONDITIONER	
No.	869	
Description	This product leaves hair soft and silky.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0 Solvent, Carrier
	Structure ZEA (National Starch & Chemical Company)	3.0 Thickener
	Hydroxypropyl Starch Phosphate	
	=== Phase 2 ===	
	STEPANQUAT® DC1	33.0 Conditioning Blend
	Citric Acid	q.s. pH Adjuster
	Fragrance, Dye & Preservative	q.s. Additives
	Total	100.0
Procedure	In a suitable vessel equipped with mixing capabilities, add Deionized Water. Begin agitation and slowly add Structure ZEA. Mix until Structure ZEA is dispersed in the solution. Add Citric Acid to adjust pH to 3.5 - 4.0. Add STEPANQUAT® DC1. Mix well. Add Fragrance, Dye, and Preservatives. Mix. Adjust pH, if necessary.	
Physical Properties	Appearance at 25°C	Opaque
	Viscosity, cps at 25°C	13,350–17,600
	pH at 25°C	3.5–4.0
Storage/Stability	7 months at 25°C	Stable
	2 months at 42°C	Stable
Instructions for Use	After shampooing, apply conditioner to wet hair, smooth through and rinse.	
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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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