



Formulation

Name	CLARIFYING SHAMPOO	
No.	671	
Description	Mild, clear shampoo provides good creamy foam characteristics. In addition, it removes build-up on hair.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	Deionzed Water	q.s. to 100.0
	STEPAN-MILD® LSB	32.0
	STEOL® CA-330	30.8
	NINOL® 55-LL	2.0
	PEG-12 Laurate (HALLSTAR® PEG 600 ML)	2.0
	Preservative, Dye, Fragrance	q.s.
	Sodium Chloride	q.s.
	Citric Acid	q.s.
	Sodium Hydroxide	q.s.
	Total	100.0
Procedure	Combine all ingredients, mix well. Adjust pH with Sodium Hydroxide or Citric Acid, if necessary. Adjust viscosity with Sodium Chloride.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	6.5 - 6.8
	Viscosity, at 25°C, cps	3500 - 4500
Storage/ Stability	3 months at 25°C	Stable
	3 months at 42°C	Stable
	1 month at 50°C	Stable
Registered Trademarks of Stepan Company	STEPAN-MILD® STEOL® NINOL®	
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. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.	



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