



Formulation

Name	MILD SHAMPOO WITH SOFT, CONDITIONED FEEL	
No.	800	
Description	Conditioning shampoo based on mild surfactants. In addition, STEPANQUAT™ ML provides excellent feel.	
Formulation	INGREDIENTS:	<u>% by Weight</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100
	STEPAN-MILD® LSB	32.0
	STEOL® CA-330	30.8
	NINOL® 40-CO	2.0
	Salcare SC 81 (Ciba) Acrylates Copolymer	6.65
	Trideceth-6	
	STEPANQUAT™ ML	2.0
	=== Phase 2 ===	
	Preservative, Dye, Fragrance	q.s.
	Sodium Hydroxide, 50% solution	q.s.
	Citric Acid, 50% solution	q.s.
	Sodium Chloride	q.s.
	Total	100.0
Procedure	Combine with mixing all Phase 1 ingredients together. Start heating to 160-165°F. Maintain this temperature for 20-25 minutes. Cool slowly. Add Phase 2 ingredients. Mix well.	
Physical Properties	Appearance, at 25°C	Pearly liquid
	pH, as is	5.0 - 5.5
	Viscosity at 25°C, cps	2000 - 3000
Storage/Stability	1 month at 25°C	Stable
	1 month at 42°C	Stable
	1 month at 50°C	Stable
Instructions for Use	Apply to hair. Lather and rinse. Repeat if desired.	
Registered Trademarks of Stepan Company	STEPAN-MILD® STEOL® NINOL®	
Trademarks of Stepan Company	STEPANQUAT™	
For Additional	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.	

Assistance

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Revision Date: 04/23/2007 Origination Date: © 2007, Stepan Company. All rights reserved.