




Formulation

Name	CREAM HAIR CONDITIONER	
No.	781	
Description	This is a thick after-wash conditioner for slightly dry hair. It can be used as a rinse-off, 2-minute treatment after shampooing or as a leave-on product where conditioning is needed. It is developed for the Ethnic market.	
Formulation	INGREDIENTS:	<u>% by Weight</u>
	Deionized Water	86.04
	Lexamine S-13 (Inolex) Stearamidopropyl Dimethyl Amine	0.66
	AMMONYX® 4	4.50
	CETYL ALCOHOL	4.00
	STEARYL ALCOHOL	1.60
	Lanolin	1.50
	Isopropyl Palmitate (HALLSTAR® IPP)	0.75
	Citric Acid	q.s.
	Preservative, Dye, Fragrance	q.s.
	Total	100.0
Procedure	Heat water to 70°C. Mix in Lexamine S-13, AMMONYX® 4, CETYL ALCOHOL, and STEARYL ALCOHOL. Continue mixing for 30 minutes. Mix in Lanolin and Isopropyl Palmitate until homogeneous. Cool down to 40°C. Adjust to desired pH (5.5-6.5) with Citric Acid. Add Preservative, Dye, and Fragrance.	
Physical Properties	Appearance at 25°C pH, as is	White fluid cream 5.5-6.5
Storage/ Stability	Freeze/thaw, 3 cycles 4 weeks at 42°C	Stable Stable
Registered Trademarks of Stepan Company	AMMONYX® ®	
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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