



Formulation

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| 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 Natrosol 250 HHRB (Hercules) Hydroxyethylcellulose | q.s. to 100 Carrier 0.75 Thickener |
| | === Phase 2 === STEPANQUAT® ML AMMONYX® CETAC Lipocol L (Lipo) Lauryl Alcohol | 1.0 Conditioning Agent, Emulsifier 3.33 Conditioning Agent, Emulsifier 2.5 Thickener |
| | === Phase 3 === Sodium Hydroxide Citric Acid Preservative, Dye, Fragrance | q.s. pH Modifier q.s. pH Modifier 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 pH, at 25°C Viscosity, at 25°C, cps | Pearlescent 3.35 - 4.5 2000 - 3000 |
| Storage/Stability | 2 months at 25°C 2 months at 42°C 2 months at 50°C. | Stable Stable Stable |
| Instructions for Use | Apply as a normal conditioner. | |
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Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

Revision Date: 09/29/2017 Publication Date: 06/02/2017 © 2017, Stepan Company. All rights reserved.