**COLD MIXING PEARLESCENT HAIR CONDITIONER**

**No.** 802  
**Description** The combination of STEPANQUAT® ML, AMMONYX® CETAC, and Lauryl Alcohol provides a pearly appearance.

**Formulation**

<table>
<thead>
<tr>
<th>INGREDIENTS:</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>q.s. to 100</td>
<td>Carrier</td>
</tr>
<tr>
<td>Natrosol 250 HHRB (Hercules) Hydroxyethylcellulose</td>
<td>0.75</td>
<td>Thickener</td>
</tr>
<tr>
<td>STEPANQUAT® ML</td>
<td>1.0</td>
<td>Conditioning Agent, Emulsifier</td>
</tr>
<tr>
<td>AMMONYX® CETAC</td>
<td>3.33</td>
<td>Conditioning Agent, Emulsifier</td>
</tr>
<tr>
<td>Lipocol L (Lipo) Lauryl Alcohol</td>
<td>2.5</td>
<td>Thickener</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>q.s.</td>
<td>pH Modifier</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
<td>pH Modifier</td>
</tr>
<tr>
<td>Preservative, Dye, Fragrance</td>
<td>q.s.</td>
<td>Additives</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
<td></td>
</tr>
</tbody>
</table>

**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**: Pearlescent
- **pH, at 25°C**: 3.35 - 4.5
- **Viscosity, at 25°C, cps**: 2000 - 3000

**Storage/Stability**

- 2 months at 25°C: Stable
- 2 months at 42°C: Stable
- 2 months at 50°C: Stable

**Instructions for Use**

Apply as a normal conditioner.

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- AMMONYX®
- STEPANQUAT®

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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