### MILD SHAMPOO WITH SOFT, CONDITIONED FEEL

**Name**

800

**Description**

Conditioning shampoo based on mild surfactants. In addition, STEPANQUAT® ML provides excellent feel.

**Formulation**

**INGREDIENTS:**

<table>
<thead>
<tr>
<th>Phases</th>
<th>Ingredients</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phase 1</strong></td>
<td>Deionized Water</td>
<td>q.s. to 100</td>
</tr>
<tr>
<td></td>
<td>STEPAN-MILD® LSB</td>
<td>32.0</td>
</tr>
<tr>
<td></td>
<td>STEOL® CA-330</td>
<td>30.8</td>
</tr>
<tr>
<td></td>
<td>NINOL® 40-CO</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td>Salcare SC 81 (Ciba) Acrylates Copolymer</td>
<td>6.65</td>
</tr>
<tr>
<td></td>
<td>Trideceth-6</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td>STEPANQUAT® ML</td>
<td>q.s.</td>
</tr>
</tbody>
</table>

| **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**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 month at 25°C</td>
<td>Stable</td>
</tr>
<tr>
<td>1 month at 42°C</td>
<td>Stable</td>
</tr>
<tr>
<td>1 month at 50°C</td>
<td>Stable</td>
</tr>
</tbody>
</table>

**Instructions for Use**

Apply to hair. Lather and rinse. Repeat if desired.

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- STEPAN-MILD®
- STEOL®
- NINOL®
- 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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