**CURLY HAIR CONDITIONER**

No. 909

Extra conditioning formula made with STEPANQUAT® DC1 to soften the inherent dryness of curly hair.

**Formulation**

**INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>q.s. to 100.0</td>
<td>Carrier</td>
</tr>
<tr>
<td>Structure ZEA (National Starch) Hydroxypropyl Starch</td>
<td>3.00</td>
<td>Thickener</td>
</tr>
<tr>
<td>Dow Corning 345 Fluid (Dow Corning) Cyclomethicone</td>
<td>33.0</td>
<td>Conditioning Blend</td>
</tr>
<tr>
<td>STEPANQUAT® DC1</td>
<td>q.s.</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Fragrance, Dye, &amp; Preservative</td>
<td></td>
<td>Additives</td>
</tr>
</tbody>
</table>

Total 100.0

**Procedure**

In a suitable vessel equipped with mixing capabilities, add Deionized Water. Increase agitation and slowly add Structure ZEA. Mix until Structure ZEA is dispersed in the solution. Add Citric Acid to adjust pH to 3.5 - 4.0. Add Dow Corning 345 Fluid and STEPANQUAT® DC1. Mix well. Add Fragrance, Dye, and Preservatives. Mix. Adjust pH, if necessary.

**Physical Properties**

- **Appearance at 25°C:** Opalque thick liquid
- **Viscosity, cps at 25°C:** 17,000 - 20,000
- **pH, as is:** 3.5 - 4.0

**Storage/Stability**

- 2 months at 50°C: Stable
- 3-cycle freeze/thaw: Pass

**Instructions for Use**

After shampooing, apply conditioner to wet hair, smooth through, and rinse.

**Registered Trademarks of Stepan Company**

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.

The information contained herein is based on the manufacturer’s own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. **STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of}
fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its
accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan
Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise.