THE MULTICULTURAL COLLECTION: REPLENISHING CONDITIONING TREATMENT WITH BAOBAB AND MONGONGO OILS

No. 1304

Description
Specifically designed for textured or curly hair, the Multicultural Collection offers three complementary products to smooth and tame your locks. Pamper your hair with this Replenishing Conditioning Treatment with STEPANQUAT® Helia, a naturally derived, hypoallergenic conditioning agent that smooths and moisturizes dry, tired hair. Suitable for use as a regular in-shower conditioning treatment or as a leave-in conditioner.

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 100.00</td>
<td>Carrier</td>
</tr>
<tr>
<td>Natrosol 250 HHR (Ashland™) - Hydroxyethylcellulose</td>
<td>0.40</td>
<td>Viscosity Stabilizer</td>
</tr>
<tr>
<td>Glycerin</td>
<td>2.00</td>
<td>Humectant</td>
</tr>
<tr>
<td>STEPANQUAT® Helia</td>
<td>1.25</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>Cetearyl Alcohol</td>
<td>2.00</td>
<td>Viscosity Modifier</td>
</tr>
<tr>
<td>STEPAN-MILD® L3</td>
<td>2.00</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>STEPAN-MILD® GCC</td>
<td>0.50</td>
<td>Moisturizing Agent, Emollient</td>
</tr>
<tr>
<td>Rheosol™ CVH(E) (Rheolab)</td>
<td>0.50</td>
<td>Feel Enhancer</td>
</tr>
<tr>
<td>Bikira® Mongongo (Manketti) Oil (AE Chemie)</td>
<td>0.25</td>
<td>Emollient</td>
</tr>
<tr>
<td>Bikira® Baobab Oil (AE Chemie)</td>
<td>0.25</td>
<td>Emollient</td>
</tr>
<tr>
<td>Euxyl 9010 (Schulke &amp; Mayr GmbH)</td>
<td>1.00</td>
<td>Preservative</td>
</tr>
<tr>
<td>Osmanthus &amp; Apricot Fragrance AL220100 (Arylessence)</td>
<td>0.50</td>
<td>Fragrance</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.00</strong></td>
<td></td>
</tr>
</tbody>
</table>

Procedure
2. Begin heating to 70-75°C (158-167°F). Add Glycerin and STEPANQUAT® Helia.
3. Once at temperature, add Cetearyl Alcohol. Mix until fully dissolved while holding temperature.
4. Add STEPAN-MILD® GCC and STEPAN-MILD® L3 one at a time, with mixing between each addition.
5. Cool batch to 40-45°C (104-113°F) and switch to a slow side sweep agitation. Upon reaching temperature, slowly add Rheocare™ CVHE. Stir before use. Mix with slow agitation until smooth.

**Additional chemical description information on recommended non-Stepan ingredients for the formulations:**

- Rheosol™ CVHE (Rheolab) - Polyquaternium-37 (and) Propylene Glycol Dicaprylate Dicaprate (and) PPG-1 Trideceth-6
- Bikira® Mongongo (Manketti) Oil (AE Chemie) - Schinziophyton Rautanenii Kernel Oil
- Bikira® Baobab Oil (AE Chemie) - Adansonia Digitata (Baobab) Seed Oil
- Euxyl 9010 (Schulke & Mayr GmbH) - Phenoxyethanol (and) Ethylhexylglycerin

Physical Properties

- **Appearance at 25°C:** White cream
- **Odor:** to match standard
pH, as is: 3.5 - 4.5
Viscosity as is, cps: 45,000- 65,000

Storage/ Stability
- 4 weeks at 25°C: Stable
- 4 weeks at 40°C: Stable
- 4 weeks at 5°C: Stable
- Freeze/ Thaw (3 cycles): Passed

Instructions for Use
Apply liberally to clean damp hair. Comb through hair from root to tip. Allow conditioner to sit on hair for 5-10 minutes. Rinse thoroughly.

External Comment
Marketing Notes: BCI = 93. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other non-Stepan ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com. Natural refers to ingredients that have BCI = 100%. “Naturally-derived” refers to ingredients that have a BCI greater than 50% but less than 100%.

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STEPAN-MILD®

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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