## Name
**CLEAR SHAMPOO**

## No.
1075

## Description
This clear shampoo provides creamy foam and light conditioning effect.

## 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>Solvent</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1.5</td>
<td>Humectant</td>
</tr>
<tr>
<td>STEPANOL® WA-EXTRA K (or STEPANOL® WA-EXTRA HP)</td>
<td>40.0</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)</td>
<td>4.8</td>
<td>Secondary Surfactant</td>
</tr>
<tr>
<td>STEPAN-MILD® L3</td>
<td>1.5</td>
<td>Feel Enhancer</td>
</tr>
<tr>
<td>dl-Panthenol crystalline (Roche), Panthenol</td>
<td>0.2</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>Fragrance, Dye, Preservative</td>
<td>q.s.</td>
<td>Additive</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
<td>pH Modifier</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>q.s.</td>
<td>pH Modifier</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>q.s.</td>
<td>Viscosity Modifier</td>
</tr>
</tbody>
</table>

**Total** 100.0

## Procedure
1. Into a suitable container, add Deionized Water, Glycerin, STEPANOL® WA-EXTRA K (or STEPANOL® WA-EXTRA HP), AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and STEPAN-MILD® L3. Start mixing.
2. When solution is clear, add dl-Panthenol. Mix well.
4. Adjust viscosity with Sodium Chloride and pH with Sodium Hydroxide or Citric Acid.

*Note: When formulating with AMPHOSOL® HCG-HP and/or STEPANOL® WA-EXTRA HP, a greater amount of Citric Acid may be needed to adjust the pH within the recommended range as noted, than when formulating with AMPHOSOL® HCG and STEPANOL® WA-EXTRA K.*

## Physical Properties
- **Appearance at 25°C:** Clear liquid
- **pH, as is:** 5.8–6.5
- **Viscosity at 25°C, cps:** 10,000–13,000

## Instructions for Use
Massage into wet hair, lather, then rinse thoroughly. Repeat if desired.

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- AMPHOSOL®
- 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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