HAND WASH

No. 1065

This mild hand wash is non-stringing and leaves a soft and silky after-feel on the skin.

**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, Carrier</td>
</tr>
<tr>
<td>ALPHA-STEP® HWC</td>
<td>35.0</td>
<td>Cleansing Agent, Surfactant</td>
</tr>
<tr>
<td>Preservative, Dye, and Fragrance</td>
<td>q.s.</td>
<td>Additives</td>
</tr>
<tr>
<td>Citric Acid, 50%</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Sodium Hydroxide, 50%</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>q.s.</td>
<td>Viscosity Adjuster</td>
</tr>
</tbody>
</table>

Total: 100.0

**Procedure**

Into a suitable vessel equipped with mixing capabilities, combine above ingredients. Mix until homogeneous. Adjust to desired pH with Citric Acid or Sodium Hydroxide. Adjust viscosity, if desired, with Sodium Chloride.

**Physical Properties**

Appearance at 25°C: Clear liquid

pH, as is: 5 - 6

**Storage/ Stability**

3 months at 25°C: Stable

1 month at 42°C: Stable

1 month at 50°C: Stable

**Instructions for Use**

Wet the skin, apply on hands, and work through to develop a foam.

**External Comment**

This formulation, with no Sodium Chloride added, is perfect for Air Foamer Bottles. For pump bottles, add 1.5%-2.0% Sodium Chloride.

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ALPHA-STEP®

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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