CLEANSING BODY WASH

No. 1011

Description This body wash develops great foam and leaves a soft and silky after-feel on the skin.

Formulation

<table>
<thead>
<tr>
<th>INGREDIENTS</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>STEPAN-MILD® PCL-BA</td>
<td>55.0</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)</td>
<td>9.6</td>
<td>Secondary Surfactant</td>
</tr>
<tr>
<td>Merquat 550 (Ondeo-Nalco) Polyquaternium-7</td>
<td>3.0</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>Versene 100 (Dow Chemical) Tetrasodium EDTA</td>
<td>0.2</td>
<td>Chelating Agent</td>
</tr>
<tr>
<td>Sodium Hydroxide (50% solution)</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Citric Acid (50% solution)</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>q.s.</td>
<td>Viscosity Adjuster</td>
</tr>
<tr>
<td>Preservative, Dye, and Fragrance</td>
<td>q.s.</td>
<td>Additives</td>
</tr>
</tbody>
</table>

Total 100.0

Procedure
1. Prepare by adding all ingredients into a suitable container with mixing well.
2. Adjust pH with Sodium Hydroxide (50% solution) or Citric Acid (50% solution).
3. Adjust viscosity with Sodium Chloride, if necessary.
4. Add Preservatives, Dye, and Fragrance.

*Note: When formulating with AMPHOSHOL® HCG-HP, a greater amount of Citric Acid (50% solution) may be needed to adjust the pH within the recommended range as noted, than when formulating with AMPHOSOL® HCG.

Physical Properties

- Appearance at 25°C: Viscous liquid
- pH, as is: 5.0-6.0
- Viscosity at 25°C, cps: 8,000-10,000

Storage/Stability
- 1 month at 25°C: Stable
- 3 month at 25°C: Stable

Instructions for Use
Wet the skin, apply to the body, and rub to develop a foam. Rinse thoroughly.

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- STEPAN-MILD®
- AMPHOSOL®

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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