**Name**  
FOAMING BUBBLE BATH

**No.**  
1076

**Description**  
This formulation provides light, lacy foam with good skin after-feel.

**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>Solvent</td>
</tr>
<tr>
<td>Glycerin (Uniqema)</td>
<td>0.5</td>
<td>Humectant</td>
</tr>
<tr>
<td>Mackernium 007 (Solvay) Polyquaternium-7</td>
<td>0.2</td>
<td>Conditioning Agent</td>
</tr>
<tr>
<td>BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HP)</td>
<td>38.5</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>STEPAN-MILD® L3</td>
<td>2.0</td>
<td>Secondary Surfactant</td>
</tr>
<tr>
<td>Hydrotriticum 2000 (Croda), Hydrolyzed Whole Wheat Protein</td>
<td>0.2</td>
<td>Additive</td>
</tr>
<tr>
<td>Preservative, Dye, Fragrance</td>
<td>q.s.</td>
<td>q.s. Additive</td>
</tr>
<tr>
<td>Sodium Hydroxide, 50% solution</td>
<td>q.s.</td>
<td>pH Modifier</td>
</tr>
<tr>
<td>Citric Acid, 50% solution</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. In a suitable container, combine Deionized Water, Glycerin, Mackernium 007, BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HP), and STEPAN-MILD® L3. Mix until clear.
4. Adjust pH with Sodium Hydroxide, 50% solution or Citric Acid, 50% solution and adjust viscosity with Sodium Chloride.

*Note: When formulating with BIO-TERGE® AS-40 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 BIO-TERGE® AS-40.*

**Physical Properties**

- **Appearance at 25°C**  
  Clear liquid
- **pH, as is**  
  5.8-6.5
- **Viscosity at 25°C, cps**  
  1,500-2,000

**Instructions for Use**

Squeeze bubble bath into stream of running water as tub fills up.

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BIO-TERGE®  
STEPAN-MILD®

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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