**Formulation**

**FACIAL CLEANSER WITH 1% SALICYLIC ACID**

**No.** 677

**Description** This formulation provides a clear-liquid facial cleanser with 1% salicylic acid. This cleanser has excellent foaming and wetting properties.

**Formulation INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>q.s. to 100.0</td>
</tr>
<tr>
<td>Glycerin</td>
<td>2.5</td>
</tr>
<tr>
<td>Versene 200 (Dow Chemical) Tetrasciumal EDTA</td>
<td>0.2</td>
</tr>
<tr>
<td>BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA)</td>
<td>30.0</td>
</tr>
<tr>
<td>AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)</td>
<td>20.0</td>
</tr>
<tr>
<td>Avanel S-150 (PPG) Sodium C12-15 Pareth-15</td>
<td>6.5</td>
</tr>
<tr>
<td>Salicylic Acid</td>
<td>1.0</td>
</tr>
<tr>
<td>Citric Acid (50% solution)</td>
<td>q.s.</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>q.s.</td>
</tr>
</tbody>
</table>

**Total** 100.0%

**Procedure**

1. Add Deionized Water, Glycerin, Versene 200, BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA), and AMPHOSOL® HCG (or AMPHOSOL® HCG-HP) and mix well.
2. Into a separate vessel, premix Avanel S-150 and Salicylic Acid, making sure all crystals are dissolved.
3. Adjust viscosity with Sodium Chloride and adjust pH with Citric Acid (50% solution), if necessary.

*Note: When formulating with AMPHOSOL® HCG-HP and/or BIO-TERGE® AS-40 HA, 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 and BIO-TERGE® AS-40.*

**Physical Properties**

- **Appearance, as is** Clear liquid
- **pH at 25°C** 4.0–4.5
- **Viscosity at 25°C, cps** 3,000–4,000

**Storage/ Stability**

- 1 month at 0°C Stable
- 1 month at 25°C Stable
- 3 months at 42°C Stable

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- BIO-TERGE®
- AMPHOSOL®

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-33-3447-505-100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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