## CLEAR FOAMING CLEANSER

**Name**

1053

**Description**

Mild, clean-rinsing foaming cleanser for multiple applications

### Formulation

<table>
<thead>
<tr>
<th>INGREDIENTS:</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEPAN-MILD® PCL</td>
<td>27.5</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)</td>
<td>3.3</td>
<td>Secondary Surfactant</td>
</tr>
<tr>
<td>Glycerin</td>
<td>0.5</td>
<td>Emollient</td>
</tr>
<tr>
<td>Preservative, Dye, and Fragrance</td>
<td>q.s.</td>
<td>Carrier</td>
</tr>
<tr>
<td>Deionized Water</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
</tbody>
</table>

**Total**

100.0

### Procedure

1. Charge Water to vessel, start agitation.
2. Add STEPAN-MILD® PCL, AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and Glycerin. Mix well.
3. Adjust pH with Citric Acid or Sodium Hydroxide.
4. Add Preservative, Dye, and Fragrance as desired.

*Note: When formulating with AMPHOSOL® 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, as is**: Clear liquid
- **pH, as is**: 5.5-7.0
- **Viscosity at 25°C, cps**: <100

### Storage/STability

- 4 weeks at 4°C: Stable
- 4 weeks at 40°C: Stable
- 4 weeks at 50°C: Stable
- 1 year at 25°C: Stable
- Freeze/Thaw, 10 cycles: Pass

### Instructions for Use

Use Air Spray F2 foamer as delivery system.

### External Comment

A precipitate may form at low temperatures. However, with agitation, it will go back into solution and remain stable.

### Registered Trademarks of Stepan Company

- 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).