**Name**
FOAMING BRUSH DETERGENT FOR SELF-SERVE CAR WASHES

**No.**
862

**Description**
This is a concentrated formula for self-serve car wash operators. It removes typical dirt from the car and delivers thick, colored foam through a foam brush application.

**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>Diluent</td>
</tr>
<tr>
<td>BIO-TERGE® AS-40</td>
<td>60.0</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>NINOL® 40-CO</td>
<td>2.0</td>
<td>Foam Booster</td>
</tr>
<tr>
<td>Versene 100 (Tetrasodium EDTA) Dow Chemical</td>
<td>3.0</td>
<td>Chelating Agent</td>
</tr>
<tr>
<td>Chromatint Red 0551 (M93010, Chromatech)</td>
<td>3.0</td>
<td>Dye</td>
</tr>
<tr>
<td>Belmay Fruity Bath #213237 (Belmay)</td>
<td>3.0</td>
<td>Fragrance</td>
</tr>
<tr>
<td>Preservative</td>
<td>q.s.</td>
<td>Additive</td>
</tr>
</tbody>
</table>

**Total**
100.0

**Procedure**
Add ingredients in order shown and mix until homogenous.

**Physical Properties**
- **Appearance at 25°C**
  - Clear liquid
- **pH, as is**
  - 11.4
- **Viscosity at 25°C, cps**
  - 20
- **Density, lbs/gal**
  - 8.60
- **Solids, %**
  - 28.5-31.5
- **VOC (calculated) at dilution of 1:200, %**
  - 0

**Storage/Stability**
- 1 Month at 25°C
  - Stable
- 1 Month at 4°C
  - Stable
- 1 Month at 50°C
  - Stable
- Freeze/Thaw, 10 Cycles
  - Pass

**Instructions for Use**
The formulation can be diluted to 1:200 and applied with the proper equipment to create a red/pink colored foam in the car wash bay.

**External Comment**
Marketing Notes: When used at Stepan's recommended dilution level of 1:200, this formulation is VOC-compliant with U.S. Federal and California Air Resource Board (CARB) Consumer Products regulation for non-aerosol, motor vehicle wash (0.2% VOC limit as of December 31, 2012).

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- NINOL®

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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