**Name**
SPRAYABLE MOISTURIZING BODY LOTION

**No.**
889

**Description**
This lotion moisturizes the skin while providing a light emollient after-feel.

**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. 100.0</td>
<td>Carrier</td>
</tr>
<tr>
<td>Glycerin (Uniqema)</td>
<td>1.5</td>
<td>Humectant</td>
</tr>
<tr>
<td>Polawax (Croda) Emulsifying Wax, NF</td>
<td>1.5</td>
<td>Emulsifier</td>
</tr>
<tr>
<td>STEPAN® 3T</td>
<td>10.0</td>
<td>Emollient</td>
</tr>
<tr>
<td>CETEARYL ALCOHOL</td>
<td>0.5</td>
<td>Bodifying Agent</td>
</tr>
<tr>
<td>Glyceryl Stearate (And) PEG-100 Stearate</td>
<td>1.0</td>
<td>Viscosity Stabilizer</td>
</tr>
<tr>
<td>Fragrance, Dye, &amp; Preservative</td>
<td>q.s.</td>
<td>Additives</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
<td>Additive</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>q.s.</td>
<td>Additive</td>
</tr>
</tbody>
</table>

**Total**
100.0

**Procedure**
1. Into a suitable vessel equipped with heating, cooling, and agitation, prepare water phase by adding Deionized Water and Glycerin.
2. Begin to mix. Start heating to 70ºC.
3. In a separate container, prepare oil phase by adding Polawax, STEPAN® 3T, CETEARYL ALCOHOL, and Glyceryl Stearate/PEG-100 Stearate.
4. Heat to 70-75ºC. Increase agitation.
5. Slowly add oil phase to the water phase. Emulsify at 70-75ºC for 20-25 minutes.
6. Start cooling to room temperature with continuous agitation. Adjust pH to 6.0 - 6.5, if necessary, with Citric Acid or Sodium Hydroxide. Cool to ambient temperature.
7. Add Preservative, Dye, and Fragrance.

**Physical Properties**
- **Appearance at 25ºC**: Opaque lotion
- **pH at 25ºC**: 6.0 - 6.5
- **Viscosity at 25ºC, spindle #4 at 20 RPM**: 500

**Storage/ Stability**
- 1 month at 42ºC: Stable
- 1 week at 50ºC: Stable
- 3 months at 42ºC: Stable

**Instructions for Use**
Spray on and smooth into skin.

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