**Name** | CLEAR MOISTURIZING SHOWER GEL WITH HIGH FRAGRANCE LEVEL  
**No.** | 1266  
**Description** | This clear moisturizing shower gel contains a high level of fragrance and maintains clarity, foaming and viscosity without additional salt being added.  
**Formulation** | **INGREDIENTS:**  
| % by Weight | Functionality  
--- | ---  
| ***Phase 1*** |  
| Deionized Water | q.s. to 100 | Diluent  
| STEPANOL® WA-EXTRA HP | 32.00 | Surfactant  
| STEOL® CS-230 PCK LDX | 16.00 | Surfactant  
| AMPHOSOL® LB-K | 3.00 | Secondary Surfactant  
| Citric Acid (50% aqueous solution) | q.s. | pH Adjuster  
| ***Phase 2*** |  
| NINOL® CAA | 2.00 | Solubilizer  
| Fragrance | 2.75 | Fragrance  
| Dipropylene Glycol (DPG) (Dow Chemical) Dipropylene glycol | 1.00 | Solubilizer  
| ***Phase 3*** |  
| STEPAN-MILD® L3 | 0.50 | Emollient  
| ***Phase 4*** |  
| Glucamate™ DOE-120 (Lubrizol) PEG-120 Methyl Glucose Dioleate | 0.75 | Thickener  
| ***Phase 5*** |  
| Preservatives and Dye | q.s. | Additives  
| **Total** | 100.00 |  

**Procedure**  
1. In a suitable vessel equipped with heating and agitation capabilities, charge Deionized Water, STEPANOL® WA-EXTRA HP, STEOL® CS-230 PCK LDX, and AMPHOSOL® LB-K.  
2. Mix until completely clear.  
3. Adjust pH with Citric Acid to 5.0-5.5.  
4. Heat to 50 °C (122 °F).  
5. In a separate vessel pre-mix Fragrance, Dipropylene Glycol and NINOL® CAA. Mix until completely clear.  
6. Add this premix to the batch with agitation at 50 °C (122 °F). Mix until completely clear and everything is dissolved. Avoid aeration.  
7. Add STEPAN-MILD® L3 at 50 °C (122 °F) with agitation. Mix until completely clear.  
8. Add Glucamate™ DOE-120 at 50 °C (122 °F) with agitation. Mix until completely clear.  
9. Adjust pH with Citric Acid.  
10. Add Preservatives and Dye with agitation.  

**Physical Properties**  
| Appearance, as is | Clear viscous liquid  
| pH at 25 °C, as is | 5.0–5.5  
| Viscosity at 25 °C (LVT #3 at 12 rpm), cps | 5,000–10,000
<table>
<thead>
<tr>
<th>Storage/ Stability</th>
<th>4 weeks at 5 °C</th>
<th>Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4 weeks at 25 °C</td>
<td>Stable</td>
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<tr>
<td></td>
<td>4 weeks at 45 °C</td>
<td>Stable</td>
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<tr>
<td>Freeze/Thaw 3 cycles</td>
<td>Pass</td>
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</tbody>
</table>

**Instructions for Use**

For use in the shower, apply gel to a wet body sponge, washcloth or hand, apply to the body and rinse off.

**External Comment**

Marketing Information: The formulator can utilize high level of fragrances and maintain clarity, foaming and viscosity without additional salt being added. BCI = 87. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com.

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- STEPAN-MILD®
- NINOL®

**For Additional Assistance**

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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