**PREMIUM HEAVY-DUTY LAUNDRY DETERGENT WITH NO NPE**

**No.** 907

**Description** Premium heavy duty liquid laundry detergent with Linear Alkylbenzene Sulfonate (LAS)/Alcohol Ether Sulfate (AES) and Alcohol Ethoxylate (AE). This formulation does not contain Nonyl Phenol Ethoxylates (NPE).

**Formulation**

**INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by Weight</th>
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<tbody>
<tr>
<td>BIO-SOFT® S-101</td>
<td>6.43</td>
</tr>
<tr>
<td>Sodium Hydroxide, 50% Solution</td>
<td>1.70</td>
</tr>
<tr>
<td>STEOL® CS-330</td>
<td>23.81</td>
</tr>
<tr>
<td>BIO-SOFT® N25-7</td>
<td>6.67</td>
</tr>
<tr>
<td>STEPANATE® SXS</td>
<td>7.50</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>2.00</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>0.50</td>
</tr>
<tr>
<td>Deionized Water, Fragrance, Dye, and Preservative</td>
<td>q.s. to 100.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0</td>
</tr>
</tbody>
</table>

**Procedure**

1. Mix Deionized Water, Sodium Hydroxide, 50% Solution, and STEPANATE® SXS.
3. Adjust pH with additional Sodium Hydroxide, 50% Solution, if necessary.
4. Continue mixing and add Sodium Carbonate.
5. When Sodium Carbonate is dissolved, add STEOL® CS-330.
7. Add remaining ingredients.
8. Continue stirring until blend is well mixed.

**Physical Properties**

- **Appearance at 25°C** Clear liquid
- **pH, as is** 11.5
- **Viscosity at 25°C, cps** 75 - 100
- **Specific Gravity, g/ml** 1.05

**Storage/ Stability**

- **Stability at 5°C for 1 Month** Pass
- **Stability at 40°C for 1 Month** Pass
- **Stability at Room Temperature for 1 Month** Pass
- **Freeze/Thaw, 3 Cycles** Pass

**Instructions for Use**

Use ½ cup per normal-size wash load.

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- BIO-SOFT®
- STEPANATE®
- STEOL®

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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