**Name**
ECONOMY LIQUID DISHWASH DETERGENT WITH BIO-SOFT® LD-190

**No.**
137

**Description**
This economy dishwash liquid is based on BIO-SOFT® LD-190, a formulated concentrated blend.

**Formulation**

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>73.6</td>
</tr>
<tr>
<td>BIO-SOFT® LD-190</td>
<td>16.4</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>2.0</td>
</tr>
<tr>
<td>Urea</td>
<td>8.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

**Procedure**
Blend ingredients in the order listed. Adjust pH to 6.5–7.0 with sulfuric acid before addition of urea.

**Physical Properties**
- **Appearance at 25°C**: Clear, straw-colored liquid
- **Viscosity at 25°C, cps**: 250–500
- **Solids, %**: 22–26
- **pH, as is**: 6.5–7.5
- **Density, lbs/gal**: 8.36
- **Flash point, °F (PMCC)**: >201

**Storage/Stability**
- **Freeze/thaw, 10 cycles**: Pass
- **4 weeks at 4°C**: Stable
- **4 weeks at 25°C**: Stable
- **4 weeks at 50°C**: Stable

**Instructions for Use**
Squirt small amount into sink while filling sink with hot water.

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BIO-SOFT®

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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