**GREEN DAILY SHOWER CLEANER**

**No.** 1125

**Description** Use this cleaner daily to prevent soap scum from building up on typical shower and tub surfaces. All the ingredients in this formulation are either approved on www.cleangredients.org (AMMONYX® LO and BIO-SOFT® EC-690) or in the EPA’s Safer Chemical Ingredients List (SCIL), which may make it suitable for EPA’s Safer Choice certification. Green Your Clean using Stepan ingredients!

**Formulation**

<table>
<thead>
<tr>
<th>INGREDIENTS:</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>94.5</td>
<td>Diluent</td>
</tr>
<tr>
<td>AMMONYX® LO</td>
<td>3.0</td>
<td>Foaming and Cleansing Agent</td>
</tr>
<tr>
<td>BIO-SOFT® EC-690</td>
<td>1.1</td>
<td>Emulsifier</td>
</tr>
<tr>
<td>DOWANOL™ PnB Glycol Ether (Dow Chemical)</td>
<td>1.0</td>
<td>Solvent</td>
</tr>
<tr>
<td>Trilon® M Liquid (BASF Corporation)</td>
<td>0.5</td>
<td>Chelating Agent</td>
</tr>
<tr>
<td>Citric Acid, anhydrous or Lactic Acid</td>
<td>q.s. to pH 4.5-5.5</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Fragrance, Preservative, and Dye</td>
<td>4.5-5.5</td>
<td>Additives</td>
</tr>
</tbody>
</table>

**Total** 100.0

**Procedure**

1. Charge Water.
2. Blend in AMMONYX® LO.
3. With good agitation, slowly add BIO-SOFT® EC-690.
4. Mix until homogeneous.
5. Add DOWANOL™ PnB Glycol Ether and Trilon® M Liquid.
6. Adjust pH to 4.5-5.5 with Citric Acid, anhydrous (or Lactic Acid).
7. Add Fragrance, Preservative, and Dye as needed.
8. Mix until homogeneous.

**Physical Properties**

- **Appearance at 25°C** Clear liquid
- **pH, as is** 4.5-5.5
- **Viscosity at 25°C, cps** Water thin

**Storage/Stability**

- **Freeze/thaw, 3 cycles** Pass
- **4 weeks at 50°C** Stable
- **4 weeks at 25°C** Stable
- **4 weeks at 4°C** Stable

**Instructions for Use**

After every shower, spray on all shower surfaces—tub, tile, shower door, curtains, etc. No scrubbing, wiping, or rinsing required. To avoid slipping, rinse down tub/shower base surfaces upon leaving tub/shower or before stepping into tub/shower.

**External Comment**

**Additional information regarding the following non-Stepan ingredients:**

- DOWANOL™ PnB Glycol Ether is a Propylene Glycol n-Butyl Ether supplied by Dow Chemical.
- Trilon® M Liquid is a trisodium salt of Methylglycinediacetic acid (MGDA) supplied by BASF Corporation.
Marketing Notes: “Green” refers to the use of ingredients that are considered favorable by the U.S. EPA Safer Choice standard (https://www.epa.gov/saferchoice/safer-choice-standard). U.S. EPA’s Safer Chemical Ingredient List (SCIL) can be found at https://www.epa.gov/saferchoice/safer-ingredients. Use of the term “Green” on the finished product or label is at the sole risk of the finished product manufacturer, for which Stepan bears no responsibility. Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer. If desired, AMMONYX® LMDO, AMPHOSOL® HCG-HP, AMPHOSOL® HCA-HP can be substituted for AMMONYX® LO on an equal actives basis. In addition, BIO-SOFT® N91-8 and BIO-SOFT® N-901 can be substituted for BIO-SOFT® EC-690 - these are all approved ingredients on www.cleangredients.org.

AMMONYX®
AMPHOSOL®
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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Stepan
Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

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