GREEN FOAMING ALKALINE BATHROOM CLEANER

No. 1127

Description
This high-foam tub, tile, and sink cleaner may be suitable for EPA's Safer Choice certification. All of the ingredients in this formulation are either approved on www.cleangredients.org (AMMONYX® LO and BIO-SOFT® EC-690) or in the U.S. EPA's Safer Chemical Ingredients List (SCIL). The combination of nonionic and amphoteric surfactants are very effective in removing typical bathroom soils. Green Your Clean using Stepan ingredients!

Formulation
INGREDIENTS:

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>86.0</td>
<td>Diluent</td>
</tr>
<tr>
<td>2.0</td>
<td>Builder</td>
</tr>
<tr>
<td>1.0</td>
<td>Cleansing Agent</td>
</tr>
<tr>
<td>9.0</td>
<td>Foaming and Cleansing Agent</td>
</tr>
<tr>
<td>1.0</td>
<td>Solvent</td>
</tr>
<tr>
<td>1.0</td>
<td>Chelating Agent</td>
</tr>
<tr>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>pHI=10-11</td>
<td>Additives</td>
</tr>
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<td></td>
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</tbody>
</table>

Total: 100.0

Procedure
1. Charge Water and blend in Sodium Carbonate and AMMONYX® LO.
2. With good agitation, slowly blend in BIO-SOFT® EC-690.
3. Blend in Trilon® M Liquid and Dowanol™ PnB Glycol Ether
4. Add Fragrance, Preservative and Dye as needed.
5. Mix until homogenous.

Physical Properties
- Appearance at 25°C: Clear liquid
- pH, as is: 10-11
- Viscosity at 25°C, cps: Water thin

Storage/ Stabilty
- 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
Spray on soiled surface and allow foam to penetrate. Wipe surface with wet sponge or cloth. Rinse with water.

External Comment
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, AMPHOSOL® HCG-HP and AMPHOSOL® HCA-HP can
be substituted for AMMONYX® LO also BIO-SOFT® EC-639 can be substituted for BIO-SOFT® EC-690 – they 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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