



# Formulation

Name	<b>GREEN FOAMING ALKALINE BATHROOM CLEANER</b>	
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 <a href="http://www.cleangredients.org">www.cleangredients.org</a> (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	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	86.0 Diluent
	Sodium Carbonate	2.0 Builder
	BIO-SOFT® EC-690	1.0 Cleansing Agent
	AMMONYX® LO	9.0 Foaming and Cleansing Agent
	Dowanol™ PnB Glycol Ether (Dow Chemical)	1.0 Solvent
	Trilon® M Liquid (BASF Corporation)	1.0 Chelating Agent
	Citric Acid, Anhydrous	q.s. to pH Adjuster
	Fragrance, Preservative and Dye	pH=10-11 Additives
		q.s.
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Water and blend in Sodium Carbonate and AMMONYX® LO.</li> <li>2. With good agitation, slowly blend in BIO-SOFT® EC-690.</li> <li>3. Blend in Trilon® M Liquid and Dowanol™ PnB Glycol Ether</li> <li>4. Add Fragrance, Preservative and Dye as needed.</li> <li>5. Mix until homogenous.</li> </ol>	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	10-11
	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	Spray on soiled surface and allow foam to penetrate. Wipe surface with wet sponge or cloth. Rinse with water.	
External Comment	<p>Marketing Notes: "Green" refers to the use of ingredients that are considered favorable by the U.S. EPA Safer Choice standard (<a href="https://www.epa.gov/saferchoice/safer-choice-standard">https://www.epa.gov/saferchoice/safer-choice-standard</a>). U.S. EPA's Safer Chemical Ingredient List (SCIL) can be found at <a href="https://www.epa.gov/saferchoice/safer-ingredients">https://www.epa.gov/saferchoice/safer-ingredients</a>. 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</p>	

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](http://www.cleangredients.org);

Registered  
Trademarks  
of Stepan  
Company

AMMONYX®  
AMPHOSOL®  
BIO-SOFT®

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.

The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents. **STEPAN COMPANY MAKES NO PRODUCT WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, OR ADEQUACY.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, furnishing, use, or reliance upon information provided herein. The vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

**Stepan** 

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

Revision Date: 04/01/2019    Publication Date: 01/26/2010    © 2019, Stepan Company. All rights reserved.