

Name **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: % by Weight Functionality

> 86.0 Diluent Deionized Water 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.

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 Appearance at 25°C Clear liquid 10-11 **Properties** pH, as is

Viscosity at 25°C, cps Water thin

Storage/ Freeze/Thaw, 3 cycles Pass Stability 4 weeks at 50°C Stable

4 weeks at 25ºC Stable 4 weeks at 4ºC Stable

Instructions Spray on soiled surface and allow foam to penetrate. Wipe surface with wet sponge or cloth. for Use 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.;

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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.

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