Name | MILD ACID TOILET BOWL CLEANER
No. | 1166
Description | This citric acid based toilet bowl cleaner is less acidic than mineral acid based cleaners, yet still effective. Viscosity is controlled by the addition of sodium chloride. The surfactants and the citric acid are derived from bio-renewable resources.

Formulation INGREDIENTS: | % by Weight | Functionality
Deionized Water | 85.7 | Diluent
Citric Acid | 4.0 | pH Regulator
BIO-SOFT® EC-690 | 2.8 | Emulsifier, Cleansing Agent
BIO-SOFT® TA-2 | 5.0 | Thickener, Cleansing Agent
Sodium Chloride | 2.5 | Thickener

Total | 100.0

Procedure 1. Charge Water and dissolve Citric Acid.
3. Add Sodium Chloride.
4. Blend until homogeneous.

Physical Properties Appearance at 25ºC | Clear liquid
pH, as is | 2.5-3.3
Viscosity at 25ºC, cps | 2,000

Storage/ Stability 4 weeks at 25ºC | Stable
4 weeks at 4ºC | Stable
4 weeks at 50ºC | Stable
3 Freeze/thaw cycles | Pass

Instructions for Use Use as-is from a squirt bottle.

External Comment Marketing Notes: “Bio-renewable resources” is defined by Stepan as originating from animal, plant, or marine materials. The Biorenewable Carbon Index (BCI) of BIO-SOFT® TA-2 and BIO-SOFT® EC-690 are 82 and 46 respectively. For further information on Stepan’s BCI, visit www.stepan.com. This formulation meets U.S. Federal and all State Volatile Organic Compounds (VOC) standards for Bathroom and Tile Cleaners as of January 2019. Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer, for which Stepan bears no responsibility.

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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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