

Formulation

Name	INSTITUTIONAL, FOAMY, ALL-PURPOSE CLEANER CONCENTRATE	
No.	1201	
Description	This institutional all-purpose cleaner is an ultra concentrate which when diluted, effectively removes typical soil build up. Its "lacy" foam facilitates product cling on vertical surfaces. Because of its neutral pH, it can be used on a variety of surfaces.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	25.8 Diluent
	Sodium Citrate	0.6 Builder
	BIO-SOFT® D-40	26.2 Anionic Agent
	STEOL® CS-460	17.4 Anionic Agent
	BIO-TERGE® PAS-8S	20.0 Hydrotrope
	STEPOSOL® MET-10U	10.0 Surfactant/Solvent
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge Deionized Water. 2. With good agitation, dissolve Sodium Citrate. 3. Blend in BIO-SOFT® D-40. 4. Slowly blend in STEOL® CS-460. 5. When clear, add BIO-TERGE® PAS-8S. 6. When clear, add STEPOSOL® MET-10U. 7. Mix until homogenous. 	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	6.5
	Viscosity at 25°C, cps	Water thin
	VOC at 1:64 dilution (calculated), %	0.05
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	4 weeks at 50°C	Pass
	4 weeks at 4°C	Pass
	4 weeks at 25°C	Pass
Instructions for Use	To clean lightly soiled surfaces, dilute 1:128 (1 ounce/gallon). Spray onto surface and then wipe with a clean cloth. To remove greasy/grimy soils, dilute up to 1:16 (8 ounces/gallon). Spray onto surface. Allow to penetrate for 1–5 minutes, then wipe with a clean cloth.	
External Comment	<p>SM 010-D: Shake Foam volume at 1:64 dilution (2 ounces/gallon) with 150 ppm water is 400+/400+ mL at 0/5 minutes.</p> <p>Marketing Notes: Please refer to the Safety Data Sheet for global regulatory information. It is the responsibility of the end user to review the chemical control regulations for each country. BIO-SOFT® D-40 and BIO-TERGE® PAS-8S are approved ingredients on www.cleangredients.org. For further information, visit www.cleangredients.org. At the</p>	

recommended dilutions, this formulation meets the California Air Resource Board (CARB) VOC regulation for non-aerosol general purpose cleaners (0.5% VOC limit as of December 31, 2012). For U.S. formulators, STEPOSOL® MET-10U is a low vapor pressure VOC (LVP-VOC), therefore its contribution to the VOC calculation is zero. STEPOSOL® MET-10U does not contribute to the VOC calculation because of its high boiling point and low vapor pressure.

Registered
Trademarks
of Stepan
Company

BIO-SOFT®
STEOL®
BIO-TERGE®
STEPOSOL®

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 or to violate any applicable laws. **STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise.

Stepan 

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

Revision Date: 06/30/2017 Publication Date: 03/18/2014 © 2017, Stepan Company. All rights reserved.