



Formulation

Name	I&I FOAMY ALL-PURPOSE CLEANER ULTRA CONCENTRATE	
No.	1176	
Description	This Industrial and Institutional all-purpose cleaner is an ultra concentrate which, when diluted 1:128 with water, effectively removes typical soil build-up. It has a lacy foam to enhance product cling. Its mild alkalinity makes it safe for many types of surfaces.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	55.8 Diluent
	BIO-SOFT® D-40	26.2 Anionic Agent
	Sodium Citrate	0.6 Builder
	STEOL® CS-460	17.4 Anionic Agent
	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. 6. Mix until homogenous. 	
Physical Properties	Appearance, as is	Clear liquid
	pH, as is	7.8–8.5
	Viscosity at 25°C	Water thin
	RVOC, % (Ethanol)	2.3
Storage/Stability	Freeze thaw, 3 cycles	Pass
	25°C (1 month)	Pass
	50°C (1 month)	Pass
	4°C (cold storage, 1 month)	Pass
Instructions for Use	For light, general maintenance cleaning, dilute 1:128 or 1 ounce/gallon. Spray onto surface and wipe with a clean cloth.	
	Test Method: Gardner Straightline Test, SM 250-0 (ASTM D4488-95-A5), ASTM Book of Standards, Volume 15.04, D4488-95, Section A5	
	Dilution Results (1:128): 75% soil removed	
External Comment	Marketing Notes: BIO-SOFT® D-40 is an approved ingredient on www.cleangredients.org . For further information, visit www.cleangredients.org or Stepan's website. This formulation does not contain Nonylphenol Ethoxylates (NPEs)	
Registered Trademarks of Stepan Company	BIO-SOFT® STEOL®	
For	For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or	

Additional
Assistance

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

Revision Date: 06/30/2017 Publication Date: 02/28/2012 © 2017, Stepan Company. All rights reserved.