



Formulation

Name	I&I FOAMY ALL-PURPOSE CLEANER CONCENTRATE	
No.	1175	
Description	This Industrial and Institutional all-purpose cleaner concentrate effectively removes typical daily or weekly soil build-up. It has a lacy stable 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>
	STEOL® CS-460 (or STEOL® CS-460 PLUS)	8.7 Anionic Agent
	BIO-SOFT® D-40	13.1 Anionic Agent
	Sodium Citrate	0.3 Builder
	Deionized Water	77.9 Diluent
	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 (or STEOL® CS-460 PLUS). 5. Mix until homogenous. <p>**While this formulation provides a starting point, it is up to the end manufacturer to ensure their formulations and products meet all application regulations, including the New York 1,4-dioxane concentration limits.</p>	
Physical Properties	Appearance, as is	Clear liquid
	pH, as is	7.8–8.5
	Viscosity	Water thin
	RVOC, % (Ethanol)	1.1
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 1:64 or 2 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 (1:64): 72% 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). STEOL CS-460 PLUS has a maximum residual 1,4-dioxane level of 9 ppm on an as-supplied basis.	
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For
Additional
Assistance

BIO-SOFT®

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or +33 476 505 100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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