



Formulation

Name	ALL-PURPOSE DILUTABLE CLEANER	
No.	1152	
Description	This all-purpose dilutable cleaner is formulated for household applications. At general cleaning dilution levels, its robust surfactant combination and mild alkalinity provide quick and thorough soil removal.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 === Deionized Water	78.0 Diluent
	=== Phase 2 === BIO-TERGE® PAS-8S BIO-SOFT® GSB-9 Sodium Carbonate	10.0 Hydrotrope 8.0 Wetting Agent 4.0 Builder
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge Water. 2. With good agitation, slowly blend in ingredients in the order listed above. 3. Mix until homogenous. 	
Physical Properties	Appearance, as is pH, as is pH, 1:32 (4 oz/gal) dilution Viscosity at 25°C, cps	Clear liquid 10.0 9.0 Water thin
Storage/Stability	Freeze thaw, 3 cycles 4 weeks at 25°C 4 weeks at 50°C 4 weeks at 4°C	Pass Pass Pass Pass
Instructions for Use	<p>For general cleaning, dilute 1:32. For tougher cleaning chores, dilute 1:16 or use full strength.</p> <p>Test Method: ASTM D4488-95, A5, method for all-purpose/dilutable household and I&I cleaners; ASTM Book of Standards, Volume 15.04, D4488-95, Section A5 Dilution Results (1:32): 85% soil removed.</p>	
External Comment	Marketing Notes: BIO-TERGE® PAS-8S 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).	
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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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