



Formulation

Name	NON-FOAMING SPRAY AND WIPE DEGREASER		
No.	1183		
Description	This non-foaming, ready-to-use, low VOC degreaser easily removes heavy grimy soils with a simple spray and a quick swipe. It contains a grease-cutting, triple combination of betaine, solvent, and builder.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	Deionized Water	85.0	Diluent
	BIO-TERGE® PAS-8S	6.0	Hydrotrope
	AMPHOSOL® 810-B	5.0	Degreaser
	Sodium Carbonate	2.0	Builder
	Butyl Carbitol Solvent (Dow Chemical) Butoxydiglycol	2.0	Solvent
	Total	100.0	
Procedure	1. Charge Deionized Water and BIO-TERGE® PAS-8S. 2. With good agitation, slowly blend in AMPHOSOL® 810-B. 3. Add Sodium Carbonate, followed by Butyl Carbitol. 4. Mix until homogenous.		
Physical Properties	Appearance at 25°C	Clear, colorless liquid	
	pH, as is	10.9	
	Viscosity at 25°C, cps	Water thin	
	% VOC (calculated)	<0.3	
Storage/ Stability	Freeze thaw, 3 cycles	Pass	
	1 month at 50°C	Stable	
	1 month at 25°C	Stable	
	1 month at 4°C	Stable	
Instructions for Use	Spray on surface and wipe clean with paper towel or cloth.		
External Comment	Marketing Notes: When used as recommended, this formulation is VOC-compliant with U.S. Federal and California Air Resource Board (CARB) Consumer Products regulation for non-aerosol, general purpose degreasers (0.5% VOC limit as of December 31, 2012). BIO-TERGE® PAS-8S is an approved ingredient on www.cleangredients.org. This formulation does not contain Nonylphenol Ethoxylates (NPEs). Non-foaming is defined as 0 mL measurable foam volume using Stepan's Mechanical Shake Foam Test (SM 010-D).		
Registered Trademarks of Stepan Company	BIO-TERGE® AMPHOSOL®		
For	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).		

Additional
Assistance

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

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

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