



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:	<u>% by Weight</u> <u>Functionality</u>
	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	<ol style="list-style-type: none"> 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	<p>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).</p>	
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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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