



# Formulation

Name	<b>DILUTABLE DEGREASER</b>	
No.	1098	
Description	This low VOC water-based degreaser can be dilute up to a 1-to-8 ratio with water to effectively remove oily soils from household surfaces such as stovetops, walls, and floors.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>   <u>Functionality</u></b>
	=== Phase 1 ===	
	Deionized Water	82.0 Diluent
	BIO-TERGE® PAS-8S	10.0 Hydrotrope
	=== Phase 2 ===	
	BIO-SOFT® N91-6	2.0 Wetting Agent, Emulsifier
	BIO-SOFT® N1-7	2.0 Wetting Agent, Emulsifier
	Sodium Metasilicate	2.0 Builder
	Sodium Carbonate	2.0 Builder
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge water and BIO-TERGE® PAS-8S.</li> <li>2. With good agitation, slowly blend in remaining ingredients.</li> <li>3. Mix until homogenous.</li> </ol>	
Physical Properties	Appearance	Clear liquid
	pH, as is	12.5
	Viscosity	Water thin
	% VOC, as is	0.4
	% VOC at 1:8 dilution	<0.05
Storage/Stability	Freeze thaw, 3 cycles	Pass
	1 month at 50°C	Stable
	1 month at 25°C	Stable
	1 month at 5°C	Stable
Instructions for Use	<p>Dilute before use. Saturate sponge or cloth and wipe surface clean. For tough soils, use full strength.</p> <p>Gardner Straightline Washability Test, SM 250-0 (ASTM D4488-95-A5); 1:1 dilution = 100% soil removed; 1:4 dilution = 97% soil removed; 1:8 dilution = 88% soil removed.</p>	
External Comment	<p>Marketing Notes: This formulation is VOC compliant with all U.S. Federal and State VOC standards per the California Air Resource Board regulations for degreasers (as of July 2009). BIO-TERGE® PAS-8S and BIO-SOFT® N91-6 are approved ingredients on <a href="http://www.cleangredients.org">www.cleangredients.org</a>. This formulation does not contain nonylphenol ethoxylates (NPEs).</p>	
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Company

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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).  
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