



# Formulation

Name	<b>GENERAL PURPOSE DEGREASER</b>	
No.	1101	
Description	This neutral dilutable degreaser is suitable for general indoor household degreasing chores for kitchen surfaces such as countertops, exhaust vents and appliances.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>   <u>Functionality</u></b>
	=== Phase 1 === Deionized Water	84.0 Diluent
	=== Phase 2 === BIO-SOFT® EC-690 STEPANOL® WA-EXTRA K Butyl Carbitol Dowanol PnB (Dow) Propylene Glycol n-Butyl Ether	1.0 Wetting Agent, Emulsifier 1.0 Secondary Surfactant 4.0 Solvent 4.0 Solvent
	=== Phase 3 === Sodium Citrate Enviomet™ EDDS (Innospec) [S,S]-Ethylenediaminedisuccinic acid	4.0 Builder 2.0 Chelating Agent
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>Charge water.</li> <li>With good agitation, slowly blend in BIO-SOFT® EC-690, STEPANOL® WA-EXTRA K*, Butyl Carbitol, and Dowanol PnB. (*STEPANOL® WA-PCK or STEPANOL® WA-EXTRA can be substituted for STEPANOL® WA-EXTRA K.)</li> <li>Once clear, add Sodium Citrate and Enviomet™ EDDS.</li> <li>Mix until homogenous.</li> </ol>	
Physical Properties	Appearance	Clear liquid
	pH, as is	7.5
	Viscosity	Water thin
	% VOC, as is	4.0
	% VOC at 1:24 dilution	<0.2
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	Dilute before use. Saturate sponge or cloth and wipe surface clean.	
	Gardner Straightline Washability Test, SM 250-0 (ASTM D4488-95-A5); 1:9 Dilution = 96% soil removed; 1:24 Dilution = 70% soil removed.	
External		

Comment

Marketing Notes: BIO-SOFT® EC-690 and STEPANOL® WA-EXTRA K are approved ingredients on [www.cleangredients.org](http://www.cleangredients.org). This formulation does not contain nonylphenol ethoxylates (NPEs).

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

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