



Formulation

Name	NEUTRAL DILUTABLE ALL-PURPOSE GREENER CLEANER	
No.	1090	
Description	A general cleaner that is suitable for all household hard surfaces.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Water	86.0 Diluent
	Dowanol® PnP	4.0 Solvent
	Butyl Carbitol	4.0 Solvent
	Sodium Citrate	4.0 Builder
	BIO-SOFT® EC-690	1.0 Primary Surfactant
	STEPANOL® WA-EXTRA PCK	1.0 Anionic Agent
	Total	100.0
Procedure	Charge water, Dowanol® PnP and Butyl Carbitol. Blend in STEPANOL® WA-EXTRA PCK. Continue mixing and slowly add BIO-SOFT® EC-690. Add sodium citrate and blend until homogeneous.	
Physical Properties	Appearance	Clear colorless liquid
	pH, as is	7.2–7.8
	Viscosity, cps at 25°C	30–80
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	1 month at 50°C	Stable
	1 month at 5°C	Stable
	1 month at 25°C	Stable
Instructions for Use	Recommended use:	
	Light duty cleaning	Dilute 4 ounces per gallon.
	Medium to heavy duty cleaning	Dilute 8–12 ounces per gallon.
External Comment	Marketing Notes: BIO-SOFT® EC-690 and STEPANOL® WA-EXTRA PCK are both approved ingredients on www.cleangredients.org . BIO-SOFT® EC-690 is a naturally-derived alcohol ethoxylate. For further information, visit our website or www.cleangredients.org . Product, diluted for use, is VOC compliant with US Federal and State VOC standards for General-Purpose Cleaning. Use of the term "green" or "greener" on the finished product or label is at the sole risk of the finished product manufacturer, for which Stepan bears no responsibility. Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer.	
Registered Trademarks of Stepan Company	BIO-SOFT® STEPANOL®	
For Additional	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.	

Assistance

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