



Formulation

Name	HOUSEHOLD DEGREASER CONCENTRATE	
No.	1117	
Description	This powerful degreaser concentrate is so versatile, it can easily tackle typical chores from the toughest outdoor grease and grime to everyday indoor kitchen degreasing.	
Formulation	INGREDIENTS:	% by Weight Functionality
	Deionized Water	61.0 Carrier
	Sodium Carbonate	5.0 Builder
	STEPANATE® SXS	15.0 Hydrotrope
	AMMONYX® CDO SPECIAL	12.0 Degreaser
	BIO-SOFT® EC-639	4.0 Wetting Agent
	Dowanol PnB (Dow) Propylene Glycol n-Butyl Ether	3.0 Solvent
	Preservative, Fragrance and Dye	q.s. Additives
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge Deionized Water. 2. Dissolve Sodium Carbonate in water. 3. Blend in STEPANATE® SXS and AMMONYX® CDO Special. 4. With good mixing, slowly add BIO-SOFT® EC-639 followed by Dowanol PnB. 5. Mix until homogeneous. 	
Physical Properties	Appearance	Clear liquid
	pH, as is	11.2
	Viscosity	Water thin
Storage/ Stability	Freeze/thaw, 3 cycles	Pass
	4 weeks at 50°C	Stable
	4 weeks at 4°C	Stable
	Room temperature	Stable
Instructions for Use	Recommended dilution for cleaning task: - Heavy grease and grime removal 1:9 concentrate:water - General grease removal 1:18 concentrate:water - Light degreasing 1:24 concentrate:water	
External Comment	Marketing Notes: STEPANATE® SXS and BIO-SOFT® EC-639 are approved ingredients on www.cleangredients.org . For further information, visit our website or www.cleangredients.org . BCI=33.; Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. For further information on Stepan's BCI, visit www.stepan.com . AMMONYX® LO, AMMONYX® LMDO or AMMONYX® LO Special can be substituted for AMMONYX® CDO Special on an equal actives basis, if desired.	
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For
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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