




Formulation

Name	ECONOMY LIQUID LAUNDRY DETERGENT WITH BIO-SOFT® LD-190	
No.	297	
Description	This formulation is an economical clear-liquid laundry detergent.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	Deionized Water	78.30
	STEPANATE® SXS	0.90
	BIO-SOFT® LD-190	9.60
	Sodium Chloride	1.90
	Urea	9.30
	Total	100.00
Procedure	Blend ingredients in the order listed.	
Physical Properties	Appearance at 25°C	Clear liquid
	Viscosity at 25°C, cps	130
	pH, as is	8.4
	Solids, %	20.3
	Density, lbs/gal	8.76
	Flash point, °F (PMCC)	>201
Storage/ Stability	4 weeks at 4°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 50°C	Stable
	Freeze/thaw, 10 cycles	Pass
Instructions for Use	Use 1/2 to 1 cup per load.	
Registered Trademarks of Stepan Company	STEPANATE® BIO-SOFT®	
For Additional Assistance	<p>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.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.</p>	
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