



Formulation

Name	PREMIUM CAR WASH SHAMPOO	
No.	926	
Description	This premium car wash contains Amine Oxide, which will produce large amount of foam and stabilizes foam during the wash process.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Diluent
	Sodium Hydroxide, 50% solution	5.4 Neutralizer
	BIO-SOFT® S-101	20.6 Primary Surfactant
	AMMONYX® CDO SPECIAL	10.0 Secondary Surfactant
	Preservative	q.s. Additive
	Dye	q.s. Additive
	Fragrance	q.s. Additive
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Add Deionized Water, Sodium Hydroxide, and BIO-SOFT® S-101 with mixing. 2. Adjust pH to 7.0–7.5 with additional BIO-SOFT® S-101 or Sodium Hydroxide. Allow the solution to mix and the pH to stabilize. 3. Add AMMONYX® CDO SPECIAL and mix until clear. 4. Add Preservative, Dye, and Fragrance and mix until homogeneous. 	
Physical Properties	Appearance at 25°C	Clear, colorless liquid
	pH, as is	7.5–9.0
	Viscosity at 25°C, cps	2000–3000
	Density, lbs/gal	8.59
	Solids, %	25.0–28.0
	VOC (calculated), %	0
Storage/ Stability	1 Month at 4°C	Stable
	1 Month at 25 °C	Stable
	1 Month at 50°C	Stable
	Freeze/Thaw, 10 Cycles	Pass
Instructions for Use	Add a small amount to a bucket and add water. Mix and apply to the vehicle using a sponge. Rinse and dry the vehicle.	
External Comment	<p>Marketing Notes: When used at Stepan's recommended dilution level of 1:100, this formulation is VOC-compliant with U.S. Federal and California Air Resource Board (CARB) Consumer Products regulation for non-aerosol, motor vehicle wash (0.2% VOC limit as of December 31, 2012). BIO-SOFT® S-101 is an approved ingredient on www.cleangredients.org. This formulation does not contain Nonylphenol Ethoxylates (NPEs).</p>	
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Company

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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