



# Formulation

Name	<b>CONCENTRATED CAR WASH FOR CAR WASH OPERATORS</b>	
No.	866	
Description	This is a highly-concentrated car wash detergent for car wash operations that use brushes, bristles, or any mechanical action. It removes typical dirt build-up on the car.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>   <u>Functionality</u></b>
	Deionized Water	q.s. to 100.0 Diluent
	BIO-TERGE® AS-40	60.0 Primary Surfactant
	NINOL® 40-CO	2.5 Foam Booster
	STEPANATE® SXS	3.0 Hydrotrope
	Versene 100 (Tetrasodium EDTA) Dow Chemical	4.0 Chelating Agent
	Dowanol EB (Glycol Ether EB) Dow	3.0 Solvent
	Preservative	q.s. Additive
	Fragrance	q.s. Additive
	Dye	q.s. Additive
	<b>Total</b>	<b>100.0</b>
Procedure	Mix ingredients in order shown until homogenous.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	11.5
	Viscosity at 25°C, cps	<30
	Density, lbs/gal	8.60
	Solids, %	28.5-31.5
	VOC (calculation) at 1:500 dilution level, %	<0.1%
Storage/Stability	1 Month at 25°C	Stable
	1 Month at 4°C	Stable
	1 Month at 50°C	Stable
	Freeze/Thaw, 10 cycles	Pass
Instructions for Use	This formulation can be diluted to 1:500 and applied with the proper car wash equipment.	
External Comment	Marketing Notes: When used at Stepan's recommended dilution level of 1:500, 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).	
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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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