



Formulation

Name	ALKALINE-BASED CAR WASH PRESOAK	
No.	865	
Description	This is a concentrated presoak formula for car wash operators. This one-step presoak is used to loosen dirt, grease and road film from car surfaces to prepare the surface for washing.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Diluent
	Sodium Hydroxide, 50% solution	1.0 Builder
	STEPANATE® SXS	10.0 Hydrotrope
	BIO-TERGE® AS-40	35.0 Primary Surfactant
	Dowanol EB (Glycol Ether EB) Dow	8.0 Solvent
	Dye	q.s. Additive
	Fragrance	q.s. Additive
	Total	100.0
Procedure	Add ingredients in order shown and mix thoroughly until homogenous.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	13.0
	Viscosity at 25°C, cps	<50
	Density, lbs/gal	8.60
	Solids, %	17.0-20.0
	VOC (calculated) at 1:100 dilution level, %	0.08
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 at 1:100 and applied with the proper car wash equipment. This formulation must be removed before drying on the car surface.	
External Comment	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). STEPANATE® SXS is an approved ingredient on www.cleangredients.org . This formulation does not contain Nonylphenol Ethoxylates (NPEs).	
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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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Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

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