



Formulation

Name	COMMERCIAL CAR WASH CONCENTRATE WITH COCAMIDE DEA ALTERNATIVE	
No.	1195	
Description	This highly-concentrated car wash detergent removes typical dirt build up on the car. It is recommended for car wash operations that use brushes, bristles, or any mechanical action.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Diluent
	BIO-TERGE® AS-40K	60.0 Primary Surfactant
	AMMONYX® LMDO	3.3 Secondary Surfactant
	STEPANATE® SXS	3.0 Hydrotrope
	Trilon M (BASF) Methylglycinediacetic Acid, Tri-Sodium Salt	2.0 Chelating Agent
	Dowanol DPnB (Dow Chemical) Dipropylene Glycol n-Butyl Ether	3.0 Solvent
	Dye	q.s. Additive
	Fragrance	q.s. Additive
	Preservative	q.s. Additive
	Total	100.0
Procedure	Mix ingredients in order shown until homogenous.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	10.4
	Viscosity at 25°C, cps	< 50
	Solids, %	27.1
	VOC (calculated) at 1:500 dilution level, %	0
Storage/Stability	4 weeks at 50°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 4°C	Stable
	Freeze/thaw, 3 Cycles	Stable
Instructions for Use	This formulation is to 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). Dowanol DPnB is a low-vapor pressure VOC (LVP-VOC) and is exempt from the VOC calculation. BIO-TERGE® AS-40K, AMMONYX® LMDO and STEPANATE® SXS are approved ingredients on www.cleangredients.org . For further information, visit our website or www.cleangredients.org . Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer. This product does not contain Nonylphenol Ethoxylates (NPEs). AMMONYX® LMDO is an alternative surfactant to Cocamide DEA.	
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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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Stepan 

Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

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