



# Formulation

Name	<b>GREEN FOAMING ALL-PURPOSE DEGREASER</b>	
No.	1184	
Description	This ready-to-use cleaner contains components that are either approved on <a href="http://www.cleangredients.org">www.cleangredients.org</a> (BIO-TERGE® PAS-8S and AMMONYX® LO) or on the U.S. EPA's Safer Chemical Ingredients List (SCIL); therefore may be suitable as a starting point for U.S. EPA's Safer Choice certification program. The AMMONYX® amine oxide provides a rich foam for cling as well as being a very effective surfactant against greasy, oily soils. The builders and solvent allows for greasy soil and soap scum penetration and softening. Green Your Clean using Stepan Ingredients!	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	85.5 Carrier
	BIO-TERGE® PAS-8S	6.0 Hydrotrope
	AMMONYX® LO	4.5 Cleansing Agent
	Sodium Carbonate	2.0 Builder
	Butyl Carbitol™ Solvent (Dow Chemical)	2.0 Solvent
	Diethylene Glycol	2.0 Solvent
	Monobutyl Ether	q.s. Additives
	Fragrance, Preservative and Dye	
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Deionized Water and BIO-TERGE® PAS-8S.</li> <li>2. With good agitation, slowly blend in AMMONYX® LO.</li> <li>3. Add Sodium Carbonate, followed by Butyl Carbitol™ Solvent.</li> <li>4. Add Fragrance, Preservative and Dye.</li> <li>5. Mix until homogenous.</li> </ol>	
Physical Properties	Appearance at 25°C	Clear, colorless liquid
	pH, as is	10-11
	Viscosity at 25°C, cps	Water thin
	% VOC (calculated)	<0.3
Storage/ Stability	Freeze thaw, 3 cycles	Pass
	4 weeks at 50°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 4°C	Stable
Instructions for Use	Spray on surface and wipe clean with paper towel or cloth.	
External Comment	<p>Marketing Notes: Green refers to the use of ingredients that are considered favorable by the U.S. EPA Safer Choice standard (<a href="https://www.epa.gov/saferchoice/safer-choice-standard">https://www.epa.gov/saferchoice/safer-choice-standard</a>). U.S. EPA's Safer Chemical Ingredient List (SCIL) can be found at <a href="https://www.epa.gov/saferchoice/safer-ingredients">https://www.epa.gov/saferchoice/safer-ingredients</a>. BIO-TERGE® PAS-8S and AMMONYX® LO are approved ingredients on <a href="http://www.cleangredients.org">www.cleangredients.org</a>. The manufacturer is responsible for the use of other "Green" ingredients, as defined herein, including but not limited to Preservative,</p>	

Fragrance, and Dye. Use of the term "Green" on the finished product or label is at the sole risk of the finished product manufacturer, for which Stepan bears no responsibility. Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer. Formulation is VOC compliant with U.S. Federal and all State VOC standards for Non-aerosol General Purpose Degreasers as of January 2019. This formulation does not contain nonylphenol ethoxylates (NPEs).

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BIO-TERGE®  
AMMONYX®

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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