



Formulation

Name	ALL-PURPOSE SPRAY AND WIPE CLEANER WITH STEPOSOL® DG	
No.	989	
Description	A ready-to-use, non filming, all-purpose cleaner containing STEPOSOL® DG for degreasing	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Carrier
	BIO-TERGE® PAS-8S	3.0 Hydrotrope
	Versene 100 (Dow Chemical) Tetrasodium EDTA	3.0 Chelating Agent
	STEPOSOL® DG	3.0 Degreaser, Wetting Agent
	NINOL® 11-CM	2.0 Emulsifier
	Dye	q.s.
	Fragrance	q.s.
	Preservative	q.s.
	Total	100.0
Procedure	Blend ingredients in the order listed above.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	10.0 - 11.5
	Viscosity at 25°C, cps	<100
	Density, lbs/gal	8.23
	Flash Point, °F (PMCC)	>201
Storage/Stability	4 weeks at 4°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 50°C	Stable
	Freeze/Thaw, 10 cycles	Pass
Instructions for Use	Spray "as is" using a spray bottle and wipe surface with cloth.	
Registered Trademarks of Stepan Company	BIO-TERGE® NINOL® STEPOSOL®	
For Additional Assistance	<p>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).</p> <p>For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.</p>	



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

Revision Date: 10/04/2006 Origination Date: 02/19/2004 © 2007, Stepan Company. All rights reserved.