



# Formulation

Name	<b>INDUSTRIAL READY-TO-USE PRINTING PRESS INK CLEANER</b>	
No.	1159	
Description	This water-soluble formulation cleans residual ink from the metal components of machine print presses.	
Formulation	<b>INGREDIENTS:</b>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	42.0 Carrier
	BIO-TERGE® PAS-8S	18.0 Hydrotrope
	STEPOSOL® M-8-10	15.0 Solvent
	STEPOSOL® SC	15.0 Solvent
	BIO-SOFT® EC-690	10.0 Emulsifier
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Water in mixing vessel.</li> <li>2. Slowly in BIO-TERGE® PAS-8S.</li> <li>3. Add STEPOSOL® M-8-10 and mix thoroughly.</li> <li>4. Add STEPOSOL® SC.</li> <li>5. Slowly mix in BIO-SOFT® EC-690.</li> <li>6. Mix for about 20 minutes or until homogeneous.</li> </ol>	
Physical Properties	Appearance, as is	Clear liquid
	pH, as is	7.5
	Viscosity, as is	Water thin
	VOC% (calculated)	13%
Storage/ Stability	4 weeks at 4°C	Stable
	4 weeks at 25°C	Pass
	4 weeks at 50°C	Pass
	Freeze/ thaw, 4 cycles	Pass
Instructions for Use	Using clean sponge, apply "as is" to metal surface. Rinse with a clean wet sponge or cloth. Wipe dry.	
External Comment	Marketing Notes: BCI = 70. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. For further information on Stepan's BCI, visit <a href="http://www.stepan.com">www.stepan.com</a> . As of January 2011, this formulation meets current and proposed California Air Resources Board (CARB) VOC regulations. BIO-SOFT® N91-6 may be used as a substitution for BIO-SOFT® EC-690.	
Registered Trademarks of Stepan Company	BIO-TERGE® STEPOSOL® BIO-SOFT®	
For	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).	

Additional  
Assistance

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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