



Formulation

Name	PAINT STRIPPER CONCENTRATE	
No.	1220	
Description	This concentrate removes spray, oil-based and soft epoxy paints, as well as varnish. When diluted with water, it can remove latex paint.	
Formulation	INGREDIENTS:	% by Weight Functionality
	BIO-SOFT® N91-6	50.0 Emulsifier
	STEPOSOL® MET-10U	25.0 Surfactant/Solvent
	Monoethanolamine (Dow)	25.0 Buffer
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge BIO-SOFT® N91-6 in mixing vessel. 2. Blend in STEPOSOL® MET-10U. 3. Add Monoethanolamine. 4. Mix until homogenous. 	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, diluted 1:4	11.5 – 11.8
	Viscosity (as is) at 25°C, cps	<100
	VOC, concentrate (calculated), %	25.0
	VOC, diluted 1:4 (calculated), %	5.0
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	1 month at 50°C	Pass
	1 month at 25°C	Pass
	1 month at 4°C	Pass
Instructions for Use	For oil-based and soft-epoxy paint removal, apply to the surface as is. Allow to penetrate 30 minutes. Wipe, scrape or brush off. Rinse if desired. For removal of spray or latex paints, dilute 1:2 – 1:4. Apply to surface. Allow to penetrate 30 minutes. Wipe, scrape or brush off. Rinse. Diluted formulations will have cloud points <50°C, which can be raised with a standard hydrotrope such as STEPANATE® SXS, if desired.	
External Comment	<p>Marketing Notes: Please refer to the Safety Data Sheet for global regulatory information. It is the responsibility of the end user to review the chemical control regulations for each country. BIO-SOFT® N91-6 is an approved ingredient on www.cleangredients.org. For further information, visit www.cleangredients.org. When used as a paint stripper, this formulation is VOC-compliant with California Air Resource Board (CARB) Consumer Products regulation for paint strippers (50% VOC limit as of January 1, 2005). For U.S. formulators, STEPOSOL® MET-10U is a low vapor pressure VOC (LVP-VOC), therefore its contribution to the VOC calculation is zero. STEPOSOL® MET-10U does not contribute to the VOC calculation because of its high boiling point and low vapor pressure. STEPOSOL® MET-10U and its formulations remove paint by a different mechanism than traditional solvents. Rather than dissolving these soils into a smeary gel that has to also be removed by a second step with soap and water, Stepan's formulation breaks down these soils for easy removal in one step. Also, unlike traditional solvents that quickly evaporate, Stepan's</p>	

formulation remains on the surface and continues to work. Used this way, Stepan's formulation equals or exceeds the removal performance of the leading solvent-based strippers, and does it in one easy step that requires less work. Before using on plastic, hard or painted surfaces, spot test on an inconspicuous area first. Patent Pending.

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BIO-SOFT®
STEPOSOL®

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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Revision Date: Publication Date: 03/18/2014 © 2014, Stepan Company. All rights reserved.