**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.

<table>
<thead>
<tr>
<th>Formulation</th>
<th>INGREDIENTS:</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIO-SOFT® N91-6</td>
<td>50.0</td>
<td>Emulsifier</td>
</tr>
<tr>
<td></td>
<td>STEPOSOL® MET-10U</td>
<td>25.0</td>
<td>Surfactant/Solvent</td>
</tr>
<tr>
<td></td>
<td>Monoethanolamine (Dow)</td>
<td>25.0</td>
<td>Buffer</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>100.0</td>
<td></td>
</tr>
</tbody>
</table>

**Procedure**  
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**  
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
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 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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