**NEUTRAL GENERAL PURPOSE DEGREASER**

**No.**
1191

**Description**
This ready-to-use cleaner contains anionic and nonionic surfactants for greasy, grimy, particulate soils, but unlike traditional degreasers it contains a solvo-surfactant, STEPOSOL® MET-10U, eliminating the need of glycol solvents for soil penetration. The pH is recommended in the neutral range for surface compatibility.

**Formulation INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>83.7</td>
<td>Carrier</td>
</tr>
<tr>
<td>BIO-SOFT® N91-6</td>
<td>1.0</td>
<td>Emulsifier, Cleansing Agent</td>
</tr>
<tr>
<td>BIO-SOFT® D-40</td>
<td>5.0</td>
<td>Cleansing Agent</td>
</tr>
<tr>
<td>BIO-TERGE® PAS-8S</td>
<td>8.0</td>
<td>Surfactant/Solvent</td>
</tr>
<tr>
<td>STEPOSOL® MET-10U</td>
<td>2.0</td>
<td>Builder</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>0.3</td>
<td></td>
</tr>
<tr>
<td>Fragrance, Preservative and Dye</td>
<td>q.s.</td>
<td>Additives</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0</td>
<td></td>
</tr>
</tbody>
</table>

**Procedure**
1. Charge Deionized Water.
3. Once clear, add BIO-SOFT® D-40 and BIO-TERGE® PAS-8S.
4. Add Sodium Citrate when blended.
5. When dissolved, add STEPOSOL® MET-10U.
6. Add Fragrance, Preservative and Dye as needed.
7. Mix until homogenous.

**Physical Properties**
- **Appearance at 25°C**
- **pH, as is**
- **Viscosity at 25°C, cps**
- **VOC (calculated), %**
- **Water thin**
- **0.35**

**Storage/ Stability**
- **Freeze/thaw, 3 cycles**
- **4 weeks at 50°C**
- **4 weeks at 4°C**
- **4 weeks at 25°C**
- **Pass**
- **Pass**
- **Pass**
- **Pass**

**Instructions for Use**
Use as is. Spray onto surface and wipe clean.

**External Comment**
Marketing Notes: Formulation is VOC compliant with US Federal and all State VOC standards for Non-aerosol General Purpose Degreasers as of January 2019. 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.

**Registered**
BIO-SOFT®
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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