AQUEOUS HEAVY DUTY CLEANER WITH STEPOSOL® C-25

No. 1154

Description This neutral ready-to-use cleaner contains STEPOSOL® C-25 (a coconut oil-derived methyl ester solvent). It effectively cuts through greasy build up.

Formulation INGREDIENTS:

<table>
<thead>
<tr>
<th>Deionized Water</th>
<th>82.2</th>
<th>Diluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEPOSOL® C-25</td>
<td>0.5</td>
<td>Solvent</td>
</tr>
<tr>
<td>BIO-SOFT® N91-2.5</td>
<td>1.0</td>
<td>Emulsifier</td>
</tr>
<tr>
<td>BIO-SOFT® N91-8</td>
<td>1.0</td>
<td>Emulsifier</td>
</tr>
<tr>
<td>STEPANOL® WA-EXTRA</td>
<td>3.3</td>
<td>Anionic Agent</td>
</tr>
<tr>
<td>STEPANATE® SXS</td>
<td>12.0</td>
<td>Hydrotrope</td>
</tr>
<tr>
<td>Sodium Hydroxide, 50% solution</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
<tr>
<td>Preservative</td>
<td>q.s.</td>
<td>Preservative</td>
</tr>
</tbody>
</table>

Total 100.0

Procedure
2. Mix for 5 minutes.
3. With good agitation, slowly blend in STEPANOL® WA-EXTRA and continue to mix until homogeneous.
4. Slowly blend in the Water, followed by STEPANATE® SXS.
5. Mix until homogenous.
7. Adjust pH to 6.5–7.5 with Sodium Hydroxide.

Physical Properties
- Appearance, as is: Clear liquid
- Viscosity at 25°C, cps: Water thin
- pH, as is: 6.5–7.5
- VOC, calculated, %: 0.5

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

Instructions for Use
- Spray on soiled surface. Then wipe with dry sponge or cloth. No rinsing is required.

Cleaning Performance: Tested at 1:1 dilution with water. ASTM D4488-95-A5 Gardner Straightline Washability Test - 87% soil removed

External Comment
Marketing Notes: STEPANOL® WA-EXTRA can be replaced with STEPANOL® WA-EXTRA PCK or STEPANOL® WA-EXTRA K. BIO-SOFT® N91-8, STEPANATE® SXS, STEPANOL® WA-EXTRA PCK and STEPANOL® WA-EXTRA K are approved ingredients on www.cleangredients.org. For further information, visit www.cleangredients.org or Stepan's
website. This formulation does not contain Nonylphenol Ethoxylates (NPEs). BCI = 29%. Total BCI (Biorenewable Carbon Index) was calculated only for the Stepan surfactants in this formulation. For more information on Stepan's BCI guide, visit www.stepan.com.

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STEPANATE®

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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