



Formulation

| | | |
|----------------------|---|--|
| Name | 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: | <u>% by Weight</u> <u>Functionality</u> |
| | Deionized Water | 82.2 Diluent |
| | STEPOSOL® C-25 | 0.5 Solvent |
| | BIO-SOFT® N91-2.5 | 1.0 Emulsifier |
| | BIO-SOFT® N91-8 | 1.0 Emulsifier |
| | STEPANOL® WA-EXTRA | 3.3 Anionic Agent |
| | STEPANATE® SXS | 12.0 Hydrotrope |
| | Sodium Hydroxide, 50% solution | q.s. pH Adjuster |
| | Preservative | q.s. Preservative |
| | Total | 100.0 |
| Procedure | <ol style="list-style-type: none"> 1. Charge STEPOSOL® C-25. While mixing, blend in BIO-SOFT® N91-2.5 and BIO-SOFT® N91-8. 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. 6. Blend in Preservative. 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.

Registered
Trademarks
of Stepan
Company

BIO-SOFT®
STEPANOL®
STEPOSOL®
STEPANATE®

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.

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

Stepan 

Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

Revision Date: 11/02/2012 Publication Date: 11/30/2010 © 2012, Stepan Company. All rights reserved.