



# Formulation

|   |   |                                     |
|---|---|-------------------------------------|
| Name                                    | <b>GREENER UPHOLSTERY CLEANER</b>   |                                     |
| No.                                     | 1105  |                                     |
| Description                             | A ready-to-use (RTU) product for use on the upholstery of a car interior.   |                                     |
| Formulation                             | <b>INGREDIENTS:</b>   | <b>% by Weight    Functionality</b> |
|   | Deionized Water   | q.s. to 100.00 Carrier              |
|   | STEPANOL® WA-EXTRA K  | 1.50 Primary Surfactant             |
|   | AMMONYX® LMDO   | 0.16 Secondary Surfactant           |
|   | Dowanol DPM (Dow) PPG-2 Methyl Ether  | 0.50 Solvent                        |
|   | Preservative  | q.s. Additive                       |
|   | Dye   | q.s. Additive                       |
|   | Fragrance   | q.s. Additive                       |
|   | <b>Total</b>  | <b>100.00</b>                       |
| Procedure                               | Charge tank with water. Add ingredients in order shown above and mix until homogenous.  |                                     |
| Physical Properties                     | Appearance at 25°C  | Clear liquid                        |
|   | Viscosity at 25°C, cps  | Water thin                          |
|   | pH, as is   | 8.0                                 |
|   | Solids, %   | 0.5                                 |
|   | VOC (Calculated), %   | <1                                  |
| Storage/Stability                       | 4 weeks at 50°C   | Stable                              |
|   | 4 weeks at 25°C   | Stable                              |
|   | 4 weeks at 4°C  | Stable                              |
|   | Freeze/Thaw, 3 cycles   | Stable                              |
| Instructions for Use                    | Spray "as is" from bottle onto soiled surface. Wipe off.  |                                     |
| External Comment                        | Marketing Notes: When used at Stepan's recommended dilution level, this formulation is VOC-compliant with U.S. Federal and California Air Resource Board (CARB) Consumer Products regulation for non-aerosol, ready-to-use carpet/upholstery cleaners (1% VOC limit as of December 31, 2012). BCI = 97. Total BCI (Biorenewable Carbon Index) was calculated only for the Stepan surfactants used in this formulation. STEPANOL® WA-EXTRA K and AMMONYX® LMDO are both approved ingredients on <a href="http://www.cleangredients.org">www.cleangredients.org</a> . For further information, visit our website or <a href="http://www.cleangredients.org">www.cleangredients.org</a> . Use of the term "green" or "greener" on the finished product or label is at the sole risk of the finished product manufacturer, for which Stepan bears no responsibility. Label and/or trademark usage of the final product is the sole responsibility of the finished product manufacturer. |                                     |
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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).  
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