



Formulation

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| Name | STAINLESS STEEL CLEANER AND POLISH | |
| No. | 1322 | |
| Description | This neutral pH formulation is designed to clean and polish stainless steel in one step. It removes streaks, smudges, greasy residues and fingerprints from kitchen appliances, sinks and outdoor stainless grills. This formulation has enough viscosity to help it cling to vertical surfaces, yet it can be delivered via a trigger or pump sprayer. | |
| Formulation | <u>INGREDIENTS:</u> | <u>% by Weight</u> <u>Functionality</u> |
| | Deionized Water | 69.0 Diluent |
| | BIO-SOFT® LFS-07 | 15.0 Surfactant |
| | BIO-TERGE® AS-40 HP | 12.0 Surfactant |
| | L-Lactic Acid | 1.0 pH Adjuster |
| | STEPOSOL® SB-W | 3.0 Conditioning Agent |
| | Preservative, Fragrance and Dye | q.s. Additives |
| | Total | 100.0 |
| Procedure | <ol style="list-style-type: none"> 1. Charge Deionized Water. 2. Start mixing and add BIO-SOFT® LFS-07. 3. Add BIO-TERGE® AS-40 HP. 4. Add L-Lactic Acid, monitor pH to achieve target value near pH of 7 (target range 6 to 8). typically 1% by weight is needed. 5. Once pH is neutralized, add STEPOSOL® SB-W. 6. Lastly, add preservative, fragrance, and dye as desired. 7. Mix until homogeneous. | |
| Physical Properties | Appearance at 25°C | Clear liquid |
| | pH, as is | 6 - 8 |
| | Viscosity at 25°C (LV2 spindle at 100 rpm), cps | 38 |
| | VOC, as is (calculated), % | 0 |
| | Flash Point (PMCC), °F | >200 |
| Storage/ Stability | Freeze/Thaw, 3 cycles | Pass, Gentle Mixing on thawing required |
| | 4 weeks at 50°C | Stable |
| | 4 weeks at 25°C | Stable |
| | 4 weeks at 4°C | Stable |
| Instructions for Use | Apply to surface sparingly. Using a soft cloth wipe across the surface to clean. Finish wiping with the grain of the metal for a bright, shiny result. If used on direct food contact surfaces, rinsing is required. | |
| | This formulation cleans and shines stainless steel surfaces. | |
| External Comment | Marketing Notes: Stepan's low film/streak nonionic technology helps this formulation to provide good low film/streak on surfaces such as stainless steel without rinsing. This formulation is | |

compliant with all U.S. Federal and State VOC standards for general purpose cleaners as of July 2019.

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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).
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Stepan 

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

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