

Name | CITRUS HEAVY DUTY CLEANER

No. 1147

Description | This neutral ready-to-use cleaner has a dual surfactant package to easily remove tough

household soils from a variety of surfaces. The d-Limonene cuts through greasy build-up and

leaves a pleasant orange fragrance.

Formulation INGREDIENTS: % by Weight Functionality

0.5 Solvent d-Limonene BIO-SOFT® N91-2.5 1.0 Emulsifier BIO-SOFT® N91-8 1.0 Wetting Agent STEPANOL® WA-EXTRA 3.3 Surfactant STEPANATE® SXS 12.0 Hydrotrope Deionized Water 82.2 Diluent Sodium Hydroxide q.s. pH Adjuster q.s. Preservative Preservative

Total 100.0

Procedure

1. Charge d-Limonene. With mixing, blend in BIO-SOFT® N91-2.5 and BIO-SOFT® N91-8.

Clear liquid

- 2. Mix for 5 minutes.
- 3. With good agitation, slowly blend in STEPANOL® WA-EXTRA. Continue to mix until homogeneous.
- 4. Slowly blend in the Water, followed by STEPANATE® SXS.
- 5. Mix until homogenous.
- 6. Blend in Preservative.

Appearance

7. Adjust pH to 6.5–7.5 with Sodium Hydroxide.

Physical	
Properties	

pH, as is
Viscosity
VOC (calculated), %

3 Freeze/thaw cycles

A weeks at 25°C

Stable

Storage/ Stability

3 Freeze/thaw cycles Pass
4 weeks at 25°C Stable
4 weeks at 4°C Stable
4 weeks at 50°C Stable

Instructions for Use

Spray on soiled surface. Wipe with cloth or paper towel. Rinsing is not required.

Cleaning Performance: ASTM D4488-95-A5 Gardner Straightline Washability Test - 91% soil removed

External Comment

STEPANOL® WA-EXTRA can be replaced with STEPANOL® WA-EXTRA PCK or STEPANOL® WA-EXTRA K. This formulation is VOC compliant with US Federal and State VOC standards for General-Purpose Cleaning.

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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.

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