



# Formulation

Name	<b>READY-TO-USE 6.7% SOLUTION OF STEPOSOL® CITRI-MET IN WATER</b>	
No.	1289	
Description	This ready-to-use formulation is a 1:14 dilution of STEPOSOL CITRI-MET. This formulation can be used as an all-purpose cleaner, a marker and ink remover for hard non-porous surfaces, a fabric pre-wash spot remover for grass, blood and betadine stains, a carpet spot cleaner, and it can also be used to help restore worn finished wood surfaces.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water or Soft Water	93.33 Diluent
	STEPOSOL® CITRI-MET	6.67 Surfactant/Solvent
	<b>Total</b>	<b>100.00</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Deionized Water or Soft Water in a mixing vessel.</li> <li>2. Mix in STEPOSOL® CITRI-MET until homogeneous.</li> </ol>	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	10.5-11.0
	Viscosity at 25°C, cps	< 50
	Flash Point (PMCC), °C (°F)	82 (180)
	RVOC, %	0.5
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	4 weeks at 25°C	Stable
	4 weeks at 4°C	Stable
	4 weeks at 40°C	Stable
	4 weeks at 50°C	Stable*
Instructions for Use	<p>*For general cleaning: Spray to cover soil, wipe dry immediately with cloth or paper towel.</p> <p>*For carpet spot cleaner: Spray stained area, wait 5 minutes. Blot with soft cloth using alternate back/forth and up/down motions. Allow to dry, then lightly buff with dry cloth.</p> <p>*For a fabric pre-wash: Place absorbent paper towel under section to be treated. Spray to soak stained area, wait 5 minutes. Rub the fabric's stained area against itself, blot dry with a soft cloth or launder. Stubborn stains may require a second application.</p> <p>*To help return worn finished wood surfaces: Spray around and on the affected area, wait 1 minute. Spread product using back, forth and circular motions with a non-absorbent cloth or gloved hand, as if you were applying a new finish. Allow to air dry. Do not wipe to dryness. After being fully dry for 15 minutes, dry buff if needed.</p> <p>*For cleaning marker on hard non-porous surfaces: Spray to cover marker stains. Wait 30 seconds. Wipe dry with cloth or paper towel.</p>	
External Comment	STEPOSOL® CITRI-MET is a concentrated blend designed to be diluted. For consumer retail products, the manufacturer should dilute STEPOSOL® CITRI-MET using Deionized Water or Soft Water to ensure the best clarity. For industrial use, on-site water can be used. Hard water may produce haze, but will not affect cleaning performance. When this formulation is used "as is" as a	

nonaerosol general purpose cleaner, this formulation is VOC-compliant with California Air Resource Board (CARB) Consumer Products regulation for nonaerosol general purpose cleaners (0.5% VOC limit as of December 31, 2012). STEPOSOL® CITRI-MET as manufactured and sold by Stepan is self-preserved. Since equipment and water quality used for dilution can potentially introduce additional microbial challenges, it is the responsibility of the customer to confirm adequate antimicrobial preservation for formulations containing STEPOSOL® CITRI-MET. \*Note: The cloud point of this formulation is 44°C (111°F), therefore at 50°C, the formulation will become hazy. The formulation will fully recover to clarity when below the cloud point.

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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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