



Formulation

Name	READY-TO-USE 6.7% SOLUTION OF STEPOSOL® CITRI-MET IN WATER	
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	INGREDIENTS:	% by Weight Functionality
	Deionized Water or Soft Water	93.33 Diluent
	STEPOSOL® CITRI-MET	6.67 Surfactant/Solvent
	Total	100.00
Procedure	1. Charge Deionized Water or Soft Water in a mixing vessel. 2. Mix in STEPOSOL® CITRI-MET until homogeneous.	
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	*For general cleaning: Spray to cover soil, wipe dry immediately with cloth or paper towel. *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. *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. *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. *For cleaning marker on hard non-porous surfaces: Spray to cover marker stains. Wait 30 seconds. Wipe dry with cloth or paper towel.	
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.

Registered
Trademarks
of Stepan
Company

STEPOSOL®

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.

The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents. **STEPAN COMPANY MAKES NO PRODUCT WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, OR ADEQUACY.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, furnishing, use, or reliance upon information provided herein. The vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

Stepan 

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

Revision Date: Publication Date: 12/06/2017 © 2017, Stepan Company. All rights reserved.