



Formulation

Name	ACID TOILET BOWL CLEANER WITH CLING	
No.	196	
Description	A viscous hydrochloric acid based toilet bowl cleaner that clings to surfaces for improved contact time. The thixotropic character of the formulation reduces splashing of the product and allows for targeted application.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	77.0 Diluent
	BIO-SOFT® TA-2	3.0 Thickener, Cleansing Agent
	Hydrochloric Acid (36%)	20.0 pH Adjuster
	Total	100.0
Procedure	Charge tank with water. With agitation, add remaining ingredients in the order listed. Mix until clear and homogeneous.	
Physical Properties	Appearance at 25°C	Clear, viscous liquid
	Viscosity, at 25°C, cps	2000
	pH, as is	<1.0
	Density, lb/gal	9.03
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	1 month at 50°C	Pass
Instructions for Use	Use as-is from a squirt bottle.	
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For Additional Assistance	<p>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.</p> <p>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.</p>	



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

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