



Formulation

Name	MOLD STAIN AND MILDEW STAIN REMOVER	
No.	1116	
Description	This foamy spray cleaner with bleach removes stains from grout, tile, tub, shower doors, and vinyl curtains.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	79.5 Carrier
	AMMONYX® LO Special	5.0 Surfactant
	Sodium Hydroxide, 50%	1.0 pH Modifier
	Sodium Metasilicate, Pentahydrate	0.5 Builder
	Sodium Hypochlorite (15%)	14.0 Bleach
	Preservatives	q.s. Preservative
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge Deionized Water. 2. Dissolve Sodium Hydroxide and Sodium Metasilicate in water. 3. Blend in AMMONYX® LO Special, followed by Sodium Hypochlorite. 4. Mix until homogeneous. 5. Add Preservative. Mix until homogeneous. 	
Physical Properties	Appearance	Clear liquid
	pH, as is	12.8
	Viscosity	Water thin
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	4 weeks at 50°C	Stable
	4 weeks at 4°C	Stable
	Room temperature	Stable
Instructions for Use	Spray on surface to cover stains. Allow to penetrate for 2–3 minutes. Wipe surface with wet sponge or cloth, then rinse. Heavy build-up may require longer contact time between surface and product.	
External Comment	Marketing Notes: BC I = 86. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. For further information on Stepan's BCI, visit www.stepan.com .	
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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. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or	

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