



Formulation

Name	MOLD STAIN AND MILDEW STAIN REMOVER SPRAY		
No.	1116		
Description	This foamy spray cleaner with bleach removes stains from grout, tile, tub, shower doors, and vinyl curtains.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	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	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: BCI = 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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