



TROUBLE SHOOTING GUIDE

Frequent Chemical Problems: Cause & Affect

Occurrence	Chemical			
	Chlorine Bleach	Oxygen Bleach	Detergent	Final Rinse
Temp. too High	Bleach becomes too strong, lowers tensile strength, harsh hand, color loss	Bleach becomes too strong, lowers tensile strength, harsh hand, color loss	Cleaning properties decrease when temperature is greater than the cloud point	
Temp. too Low	Losses stain removing properties, not active	Losses stain removing properties, not active	Cleaning properties can improve if not significantly below the cloud point	
pH too High	Losses stain removing properties, not active	Bleach becomes too strong, lowers tensile strength, harsh hand, color loss	NA (needs high pH)	Destroys synthetics, weakens sewing thread
pH too Low	Bleach becomes too strong, lowers tensile strength, harsh hand, color loss	Loses stain removing properties, not active	Cleaning properties decrease	Destroys cellulose, becomes dry and brittle, promotes linting

Conditions

The above information is based upon common problems the Quality Assurance team has noted over the past years of solving chemical problems associated with Medline reusable products. This trouble shooting guide is only meant to be a reference tool – always contact your chemical provider for advice for solving chemical related problems.