



Recommended cleaning agents for use with polyurethane (PU) covered products

METHOD	% ACTIVE	PH RANGE	DWELL TIME	POST APPLICATION	IMPACT ON FABRIC
Chlorine and Compounds	1,000 - 10,000 ppm	7 - 9	<10 mins strength and microbial target dependent	Rinse and dry	Acceptable and recommended: 1,000ppm is appropriate for day to day cleaning. Up to 10,000ppm may be used to decontaminate. Must be rinsed with clean water and towel dried (avoid harsh abrasion).
Glutaraldehyde	2	7 - 13	Temperature dependent	Rinse and dry	Acceptable for use.
Steam Sterilisation	N/A	Neutral	3 mins - 134°C 10 mins - 126°C 15 mins - 121°C 30 mins - 115°C	Dry and return to use/store	Acceptable for use: High temperatures and long dwell times can cause the fabrics to shrink.
Alcohol	70 Typical	-	10 mins (MAX)	Rinse and dry, avoid pooling	Acceptable for use and recommended subject to precautions: Coating may swell and be prone to damage. Care must be taken until fully dry (1hr).
Ortho-phthalaldehyde (OPA)	0.55	7.5	5 mins	Rinse and dry	Acceptable for use with precautions: Will stain human skin.
Ethylene Oxide	3	-	>30 mins, temperature dependent	Toxic residue may remain. Rinse thoroughly and dry before use	Acceptable, but not recommended: Toxicity issues in handling the EtO. Residue will compromise cover biocompatibility.
Hydrogen Peroxide	3 - 25	5 - 9	<5 mins	Neutralise and dry	Conditionally acceptable for use: Must be fully neutralised. Highly alkaline peroxide (10 and above) is not acceptable for use.
Quaternary Ammonium Compounds	3 - 15	7 - 13	Varies refer to label guidance	Rinse and dry	Conditionally acceptable for use: Quaternary Ammonium Compounds are typically too alkaline. Quaternary solutions having a PH> 10 are not recommended. DO NOT USE QUATS (WIPES) containing sodium hydroxide. (NaOH).
Iodophors	75 - 100ppm	Acidic	<20 mins	If exposed, rinse and dry	Not recommended: Staining and acidic species which reduce product lifetime.
Peracetic acid	0.2 - 0.35	-	<20 mins	Rinse and dry	Not suitable for use.
Phenolics	2 - 12	-	10 mins	Discard	Not suitable for use: Irreversible swelling of coating.
Dry heat	N/A	Neutral	10 mins - 126°C 15 mins - 121°C 30 mins - 115°C	Discard	Not suitable for use: Softens coating to point of failure.
Formaldehyde	2 - 8	5 - 7	<10 mins	Rinse and dry	Not suitable for use: Personal exposure limits apply for cleaning staff, strong odour.

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This guide is not intended to replace information given by the supplier and does not endorse specific cleaning products.

For further advice, contact the supplier of your product.