

Approved Acrylic Cleaning Products

The following materials are acceptable:

- Detergent in a solution of warm water (not exceeding 49 degree C, 120 degree F.). The acrylic cylinder should be washed with a clean, soft, lint-free cloth using a solution of water and mild soap. (1:100 water solution). Rinse with a soft, lint-free cloth moistened with clean water. Do not allow water or disinfectant liquid to accumulate inside the chamber. Never use a dry cloth or abrasive cleaning agents on the acrylic window.
- Commercial Products approved for cleaning and disinfecting are:
 - o Coverage HB
 - o Hibitane
 - o Ascend
 - o PDI Sani-Cloth Bleach Wipes (MSDS 0010 / EPA Reg. No. 9480-8)
 - o PDI Sani-Cloth AF Germicidal Wipes (MSDS 0090)
 - o PDI Sani-Cloth AF3 germicidal wipes (MSDS 0101)
 - o STERIS LpH® se One Step Germicidal Detergent (product / SDS # 6466 @ dilution ratio of 1:256)
 - o EcoLab #25 HB Quat Disinfectant Cleaner (ready to use Ecolab registration number 61-0000-6316-6)
 - o EcoLab A-456-N (EPA 42964-31)
 - o Bleach – Up to 15% aqueous Sodium Hypochlorite (NaOCl) [7681-52-9]
 - o Aqueous Hydrogen Peroxide – 3% to 20% (H₂O₂) [7722-84-1]
 - o Aqueous Chlorine Dioxide up to 2% (ClO₂) [10049-04-4]
 - o Chlorox Healthcare Bleach Germicidal Wipes Clorox Company (Bleach, caustic soda and sodium metasilicate based, lint-free cloths.)
 - o Tego 2001 (EUROPE ONLY) Amphoteric Disinfectant Johnson Diversey (Surface active, microbiocidal amphoteric system, with EDTA and IsoPropanol, in small quantity)
 - o Enviroguard64, Enviroguard64LLC (Quaternary Ammonium Surfactants plus Ethanol, in small quantity)
 - o Coverage Spray HB Plus Steris (Quaternary Ammonium Surfactants plus Ethanol, in small quantity)
 - o DISPATCH® Hospital Cleaner Disinfectant Towels with Bleach Excolab (Bleach, caustic soda and sodium metasilicate based, lint-free cloths.)
 - o Vital Oxide (formerly EXPEL) Orison Marketing, L.L.C. (Chlorine Dioxide Aqueous Spray plus Quaternary Ammonium Surfactants)
- ***Do not use any cleaners or disinfectants containing high concentrations of alcohol.***

- ***Please note that many other formulated hospital cleaners such as Oxivir TB contain very high concentrations of Ethanol, Isopropanol or Benzyl Alcohols which cause serious damage to the acrylic window and MUST NOT be used. IF IN DOUBT PLEASE CONTACT YOUR CHAMBER SUPPLIER FOR ADVICE.***
- ***Correctly diluted cleaners may be used at up to 38°C (100°F) MAXIMUM***
- ***ALWAYS USE THE CORRECT DILUTION & FOLLOW THE MANUFACTURERS' AND FACILITY'S PROCEDURES***
- ***Soft lint-free cloths must be used to prevent scratching the acrylic window.***
- ***Do not use cleaners when the chamber is pressurized.***
- ***Caution must be exercised when using cleaners containing strong perfumes – some of which are known to damage acrylic.***
- ***See ASME PVHO-2-2019 Mandatory Appendix V for further guidance.***