

## VENNER DRUGUARDIAN™ RECOMMENDED CLEANERS AND DISINFECTANTS

The cleaning and disinfection solutions listed below are approved for use with the Venner DruGuardian™. Venner Medical Technologies SA has attained the information from Material Safety Data Sheets (MSDS), Chemical Resistance Data Sheets, manufacturers' and third party websites. Please follow instructions and warnings of any decontaminants, cleaners or disinfectants as issued by the manufacturers.

Venner Medical Technologies SA shall not be held liable for any damage to the Venner DruGuardian™ resulting from any variations in the chemical composition of the cleaning products.

### 1. CLEANING

Prior to cleaning the Venner DruGuardian™, be sure to disconnect the device from the mains power supply or the USB port. Check for any visible signs of damage. If present, do not proceed with cleaning and contact your local Distributor for replacement.

The device exterior may be cleaned with alcohol and/or chlorhexidine-based cleaning products such as those listed below and thereafter wiped over with a moist or dry soft cloth. Some cleaners may leave a residue on the camera lens of the Venner DruGuardian™, repeat wiping over with a dry cloth usually resolves this.

**CAUTION:** During cleaning, care should be taken to prevent liquid from getting inside the device.

Antiseptic/Chemical name	Name of Cleaner
Chlorine Dioxide 1% *	Tristel™ Jet for Surfaces
Chlorhexidine 2% Propan-2-ol*	Ecolab® Chlorhexidine 2%
Chlorhexidine Gluconate 0.5-1% and Ethanol 50-100%*	Ecolab® Hydrex Pink
Ethanol 50%-100%*	Ecolab® Spiriclens Hard Surface Spray (Spiriclens Non-Sterile DEB 70%)
Ethanol 50-100%*	Ecolab® Hydrex HS Solution
Troclosene sodium 50-100%, Adipic acid 10-20%, Arylsulfonates 5-10% and Sodium Fatty Acid Sarcosides 1-2.5%	Ecolab® Antichlor Plus
Cocoalkyl dimethylbenzyl Ammonium chloride 0-0.5%	Vernacare Tuffie 5 Wipes
Prppan-2-ol 60-80% and Chlorhexidine Gluconate <5%	PDI® Sani-Cloth CHG 2%
Isopropyl Alcohol 0.5-2.0%, n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride 0.1-0.2%, n-Alkyl (5% C <sub>12</sub> , 60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride 0.1-0.2%	CLOROX® Disinfecting Wipes

\*Antiseptic applied to patient cleansing wipes then rubbed onto the surface of the Venner DruGuardian™ for 5 seconds.

### 2. DISINFECTANTS

A list of registered disinfectants can be obtained from the U.S. Environmental Protection Agency (EPA) website: <http://www.epa.gov/oppad001/chemregindex.htm>. It is necessary to use a suitable disinfectant in accordance with the manufacturer's instructions in order for it to be effective.

#### ■ Compatibility with Isopropyl Alcohol (IPA)

IPA is commonly used as a disinfectant and by nature has a rapid evaporation rate as well as low residue formulation. The use of IPA should not cause any functional defects to the Venner DruGuardian™ however it is recommended to conduct appropriate tests due to substantial or unknown levels of IPA. Please follow the use of these disinfectants in accordance with the manufacturer's instructions.

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## **VENNER DRUGUARDIAN™ RECOMMENDED CLEANERS AND DISINFECTANTS**

### **3. POST CLEANING**

Ensure that all surfaces are thoroughly cleaned and completely dry. Perform visual inspection again for any visible damage or deterioration post cleaning. If present, contact your local Distributor for replacement.

**WARNING:**

Do not use hard, abrasive cleaning agents or mineral acids.

Do not immerse in water.

Do not autoclave.

Do not allow excess moisture to enter the function pins, dial, USB or power adapter ports.

Do not attempt to open the Venner DruGuardian™.

Do not force open the key lock.

The Venner DruGuardian™ is a sealed unit and any attempts to modify or open up the device will void its warranty automatically.

For Technical Support or to obtain information about Venner DruGuardian™, please visit [www.VennerDruGuardian.com](http://www.VennerDruGuardian.com).

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